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HARDY WOODY PLANTS IN THE NEW YORK  
BOTANICAL GARDEN

By GEORGE V. NASH

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## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

GEORGE V. NASH

The following is an enumeration of the hardy woody plants, growing wild or cultivated, within the grounds of the New York Botanical Garden.

Systematic collections of trees and shrubs are maintained here; in these the species are grouped in families and the botanical relationship of the families indicated by juxtaposition. The Pinetum is located near Conservatory Range 1, in the area between that range and the Museum Building, thence to the east on the ridge west of the Herbaceous Grounds valley. Here are to be found the conifers, yews, and ginkgo—plants evergreen for the most part and commonly with narrow or needle-shaped leaves; in the larch, Chinese larch and bald cypress the leaves are deciduous, and in the ginkgo or maiden-hair tree the leaves are fan-shaped. The Deciduous Arboretum occupies much of the area to the east of the Bronx river; here are brought together deciduous hardy woody plants of tree form. At the Fruticetum, located on the level plain north of the lakes, is the collection of shrubs or bushes. In the Salicetum, to the north of the Fruticetum, is a collection of the poplars and willows. The Viticetum, the home of the hardy woody vines, is near the northern end of the ridge east of the Herbaceous Grounds valley.

The specimens in these collections are plainly labeled, each plant, where the determination is accurate, bearing a label giving information as to the common name, botanical name, natural distribution, and the family to which the individual belongs. This makes these collections of value for scientific study and investigation. To the horticulturist the collections are of especial

service in bringing together so many kinds of plants which may here be conveniently compared and examined as to their adaptability for decorative use.

In addition to the systematic collections there are many groups of shrubs and many kinds of trees planted in various parts of the grounds. It has been the aim to place along the roads and paths many different kinds of trees in order that all may be impressed by the beauty and variety of arboreal vegetation. The species used here are also plainly labeled.

Active steps are now being taken to increase the collections of hardy woody plants by the addition of species and varieties not already represented. With adequate facilities these collections can be much enlarged, thus greatly enhancing their educational value.

In the following enumeration the trees and shrubs are arranged by families, and these in botanical sequence so as to express plant relationship.

#### PINACEAE. PINE FAMILY

##### ABIETINEAE. Fir Tribe

###### *Pinus*. Pines

###### *Pinus Banksiana*. JACK or GREY PINE.

Location: Pinetum, along west side of ridge west of Morphologic Garden. Knoll northeast of Conservatory Range 1.

Natural distribution: Northern North America.

###### *Pinus Bungeana*. BUNGE'S PINE.

Location: Pinetum, along west side of ridge west of Morphologic Garden.

Natural distribution: Japan.

###### *Pinus Cembra*. SWISS STONE PINE.

Location. Pinetum, along west side of ridge west of Herbaceous Grounds. Court of Conservatory Range 1. West end of Long Bridge.

Natural distribution: Europe and Asia.

###### *Pinus densiflora*. JAPANESE RED PINE.

Location: Pinetum, west side of ridge west of Morphologic Garden, and on slope northeast of Conservatory Range 1.

Natural distribution: Japan.

**Pinus densiflora** var: **aurea**. GOLDEN JAPANESE RED PINE.

Location: Pinetum, along west side of ridge west of Morphologic Garden.

**Pinus densiflora** var: **globosa**. DWARF TABLE PINE.

Location: Pinetum, with the above.

**Pinus densiflora** var: **pendula**. WEEPING JAPANESE RED PINE.

Location: Pinetum, with the above.

**Pinus densiflora** var: **umbraculifera**. DWARF JAPANESE RED PINE.

Location: Pinetum, with the above.

**Pinus edulis**. ROCKY MOUNTAIN NUT PINE.

Location: Pinetum, along path northeast of Conservatory Range I.

Natural distribution: Western North America.

**Pinus flexilis**. ROCKY MOUNTAIN WHITE PINE.

Location: Pinetum, on knoll east of Conservatory Range I.

Natural distribution: Western North America.

**Pinus Jeffreyi**. JEFFREY'S PINE.

Location: Pinetum, south slope of knoll northeast of Conservatory Range I.

Natural distribution: Western North America.

**Pinus koraiensis**. KOREAN WHITE PINE.

Location: Pinetum, on knoll northeast of Conservatory Range I, and knoll east of same range.

Natural distribution: Northeastern Asia.

**Pinus montana** var: **Mughus**. KNEE PINE.

Location: Pinetum, north side of path between Herbaceous Grounds and Morphologic Garden. Court of Conservatory Range I. West end of Long Bridge.

Natural distribution: Eastern Alps.

**Pinus monticola**. WESTERN WHITE PINE.

Location: Knoll east of Conservatory Range I.

Natural distribution: Northwestern North America.

**Pinus Murrayana**. LODGE-POLE PINE.

Location: Pinetum, north side of knoll northeast of Conservatory Range I.

Natural distribution: Mountains of Northwestern America.

***Pinus nepalensis* (*P. excelsa*). HIMALAYAN WHITE PINE.**

Location: Pinetum, west side of ridge west of Herbaceous Grounds; and on the knoll opposite to the west. East end of the approach to the elevated railroad.

Natural distribution: Temperate Himalayan Region.

***Pinus nigra* (*P. austriaca*). AUSTRIAN PINE.**

Location: Pinetum, knoll northeast of Conservatory Range I, and knoll east of same range. West Border, near lake and at Woodlawn Road Bridge.

Natural distribution: Austria to Balkan Peninsula.

***Pinus nigra* var: *Pallasiana*. CRIMEAN or TARTARIAN PINE.**

Location: Pinetum, southeast of Fountain Enclosure; knoll east of Conservatory Range I.

Natural distribution: Asia Minor to Crimea.

***Pinus parviflora*. SMALL-FLOWERED WHITE PINE.**

Location: Pinetum, along west side of ridge west of Economic Garden and Morphologic Garden; knoll northeast of Conservatory Range I.

Natural distribution: Japan.

***Pinus parviflora* var: *brevifolia*. SHORT-LEAVED SMALL-FLOWERED WHITE PINE.**

Location: Pinetum, east foot of knoll east of Conservatory Range I.

***Pinus Peuce*. MACEDONIAN WHITE PINE.**

Location: Pinetum, west side of ridge west of Herbaceous Grounds; east foot of knoll east of Conservatory Range I.

Natural distribution: Southeastern Europe.

***Pinus ponderosa*. YELLOW or BULL PINE.**

Location: Pinetum, north and south of knoll northeast of Conservatory Range I.

Natural distribution: Western North America.

***Pinus pungens*. TABLE-MOUNTAIN PINE.**

Location: Pinetum, knoll northeast of Conservatory Range I; knoll east of same range.

Natural distribution: Southeastern United States.

***Pinus resinosa*. RED or NORWAY PINE.**

Location: Pinetum, knoll northeast of Conservatory Range I.

Natural distribution: Northeastern North America.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

(Continued)

### **Pinus rigida.** PITCH or TORCH PINE.

Location: Pinetum, north slope of knoll northeast of Conservatory Range 1; also west slope of same knoll.

Natural distribution: Eastern North America.

### **Pinus Sabiniana.** DIGGER PINE.

Location: Pinetum, north and east slopes of knoll northeast of Conservatory Range 1.

Natural distribution: California.

### **Pinus Strobus.** WHITE PINE.

Location: Pinetum, west side of ridge west of Economic Garden and Herbaceous Grounds; east side of knoll east of Conservatory Range 1. East end of approach to elevated railroad. West end of Long Bridge. A small grove in the northeast corner of the Fruticetum. A fine specimen near south end of Lake Bridge. Demonstration White Pine Plantation on ridge near Iris Garden.

Natural distribution: Eastern North America.

### **Pinus Strobus** var: *brevifolia*. DWARF WHITE PINE.

Location: Pinetum, along west side of ridge west of Morphologic Garden.

### **Pinus Strobus** var: *fastigiata*. COLUMNAR WHITE PINE.

Location: Pinetum, along west side of ridge west of Herbaceous Grounds; also between road and path to west of this.

### **Pinus sylvestris.** SCOTCH PINE.

Location: Pinetum, knoll northeast of Conservatory Range 1. South of Mansion.

Natural distribution: Europe and Asia.

### **Pinus sylvestris** var: *argentea*. SILVERY SCOTCH PINE.

Location: Pinetum, knoll northeast of Conservatory Range 1; east side of knoll east of same range.

**Pinus sylvestris** var: *fastigiata*. PYRAMIDAL SCOTCH PINE.

Location: Pinetum, knoll northeast of Conservatory Range I.

**Pinus Thunbergii.** JAPANESE BLACK PINE.

Location: Pinetum, northeast foot of knoll northeast of Conservatory Range I; also north foot of knoll east of same range.

Natural distribution: Japan.

**Pinus virginiana.** JERSEY PINE.

Location: Pinetum, knoll northeast of Conservatory Range I.

Natural distribution: Southeastern United States.

### Cedrus. TRUE CEDARS.

**Cedrus atlantica.** MOUNT ATLAS CEDAR.

Location: Pinetum, ridge west of Economic Garden.

Natural distribution: Northern Africa.

**Cedrus atlantica** var: *aurea*. GOLDEN MOUNT ATLAS CEDAR.

Location: Pinetum, with the above.

**Cedrus atlantica** var: *glauca*. BLUE MOUNT ATLAS CEDAR.

Location: Pinetum, with the above.

**Cedrus Deodara.** DEODAR or INDIAN CEDAR.

Location: Pinetum, east slope of ridge south of Economic Garden.

Natural distribution: Himalayan Region.

**Cedrus Libani.** CEDAR OF LEBANON.

Location: Pinetum, with *Cedrus atlantica*.

Natural distribution: Syria to Asia Minor.

### Larix. LARCHES

**Larix Larix** (*L. decidua*). EUROPEAN LARCH.

Location: Pinetum, ridge west of Morphologic Garden.

Natural distribution: Mountains of central Europe.

**Larix laricina.** AMERICAN LARCH or TAMARACK.

Location: In low land near river, east of Fruticetum. North border.

Natural distribution: Northern North America.

**Larix leptolepis.** JAPANESE LARCH.

Location: Pinetum, ridge west of Morphologic Garden.

Natural distribution: Japan.

**Pseudolarix. CHINESE LARCH**

**Pseudolarix Kaempferi.** GOLDEN or CHINESE LARCH.

Location: Pinetum, on ridge west of Morphologic Garden.

Natural distribution: Northern China.

**Picea. SPRUCES**

**Picea Abies (*P. excelsa*).** NORWAY SPRUCE.

Location: Pinetum, south of Forsythia group near Station Plaza.

Natural distribution: Europe.

**Picea Abies var: aurea.** GOLDEN NORWAY SPRUCE.

Location: Pinetum, with the above.

**Picea Abies var: Barryi.** BARRY'S NORWAY SPRUCE.

Location: Pinetum, with the above.

**Picea Abies var: compacta.** COMPACT NORWAY SPRUCE.

Location: Pinetum, with the above.

**Picea Abies var: conica.** CONIC NORWAY SPRUCE.

Location: Pinetum, with the above.

**Picea Abies var: conica densa.** DENSE CONIC NORWAY SPRUCE.

Location: Pinetum, with the above.

**Picea Abies var: Finedonensis.** PALE YELLOW NORWAY SPRUCE.

Location: Pinetum, with the above.

**Picea Abies var: Gregoryana.** GREGORY'S NORWAY SPRUCE.

Location: Pinetum, with the above.

**Picea Abies var: inversa.** DROOPING NORWAY SPRUCE.

Location: Pinetum, with the above.

**Picea Abies var: Maxwellii.** MAXWELL'S NORWAY SPRUCE.

Location: Pinetum, with the above.

**Picea Abies var: pendula.** WEEPING NORWAY SPRUCE.

Location: Pinetum, with the above.

**Picea Abies var: pyramidalis.** PYRAMIDAL NORWAY SPRUCE.

Location: Pinetum, with the above.

**Picea bicolor.** ALCOCK'S SPRUCE.

Location: Pinetum, along west border south of Station Plaza  
near Hydrangea group.

Natural distribution: Japan.

**Picea canadensis.** WHITE SPRUCE.

Location: Pinetum, along west border, south of Station Plaza.  
West end of Long Bridge.

Natural distribution: Northern North America.

**Picea canadensis** var: **coerulea**. BLUE WHITE SPRUCE.

Location: Pinetum, south of Forsythia group at Station Plaza.

**Picea canadensis** var: **nana**. DWARF WHITE SPRUCE.

Location: Pinetum, with the above.

**Picea Engelmannii**. ENGELMANN'S SPRUCE.

Location: Pinetum, knoll northwest of Conservatory Range 1.

Natural distribution: Western North America.

**Picea Engelmannii** var: **glauca**. BLUE ENGELMANN'S SPRUCE.

Location: Pinetum, with the above.

**Picea Mariana** var: **Doumetii**. DOUMET'S BLACK SPRUCE.

Location: Pinetum, along west border south of Station Plaza;  
near Hydrangea group.

**Picea Maximowiczii**. MAXIMOWICZ'S SPRUCE.

Location: Pinetum, with the above.

Natural distribution: Japan.

**Picea obovata**. SIBERIAN SPRUCE.

Location: Pinetum south of Forsythia group near Station  
Plaza.

Natural distribution: Northeastern Europe and western Asia.

**Picea Omorika**. SERVIAN SPRUCE.

Location: Pinetum, along west border south of Station Plaza;  
near Fountain Enclosure.

Natural distribution: Southeastern Europe.

**Picea orientalis**. ORIENTAL SPRUCE.

Location: Pinetum, near path crossing, northwest of Conservatory Range 1; along west border south of Station Plaza;  
near Hydrangea group.

Natural distribution: Western Asia and Caucasus.

**Picea polita**. TIGER-TAIL SPRUCE.

Location: Pinetum, north slope of knoll northeast of Conservatory Range 1.

Natural distribution: Japan.

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### **Picea pungens.** COLORADO SPRUCE.

Location: Pinetum, knoll northwest of Conservatory Range 1.

Natural distribution: Wyoming to New Mexico.

### **Picea pungens** var: *glauca*. BLUE COLORADO SPRUCE.

Location: Pinetum, with the above; also at Fountain Enclosure.

West end of Long Bridge. Woodlawn Road Bridge.

### **Picea pungens** var: *glauca pendula*. WEEPING COLORADO BLUE SPRUCE.

Location: Pinetum, near Fountain Enclosure.

### **Picea pungens** var: **Kosteri**. KOSTER'S BLUE SPRUCE.

Location: Pinetum, knoll northwest of Conservatory Range 1;

also at Fountain Enclosure. Woodlawn Road Bridge.

### **Picea pungens** var: **Kosteri compacta**. KOSTER'S DENSE-LEAVED SPRUCE.

Location: Pinetum, northwest of Conservatory Range 1.

### **Picea Schrenkiana.** SCHRENK'S SPRUCE.

Location: Pinetum, along west border south of Station Plaza near Hydrangea group.

Natural distribution: Siberia to northern China.

### **Picea Smithiana.** SMITH'S SPRUCE.

Location: Pinetum, with the above.

Natural distribution: Himalayan Region.

### **Picea jezoensis** (*P. ajanensis*). YESSO SPRUCE.

Location: Pinetum, with the above. West end of Long Bridge in low land.

Natural distribution: Japan.

## Tsuga. HEMLOCKS

### **Tsuga canadensis.** HEMLOCK.

Location: Pinetum, along West Border, south of Power House 1. Hemlock Forest, along Bronx River.

Natural distribution: Eastern North America.

### **Tsuga canadensis** var: *albo-spica*. SILVERY-SPOTTED HEMLOCK.

Location: Pinetum, with the above.

**Tsuga canadensis** var: **compacta.** DENSE HEMLOCK.

Location: Pinetum, with the above.

**Tsuga canadensis** var: **gracilis.** SLENDER HEMLOCK.

Location: Pinetum, with the above.

**Tsuga canadensis** var. **parvifolia.** SMALL-LEAVED HEMLOCK.

Location: Pinetum, with the above.

**Tsuga canadensis** var: **pendula.** WEEPING HEMLOCK.

Location: Pinetum, with the above. West end of Long Bridge. Iris Garden. Flower beds at Conservatory Range I.

**Tsuga caroliniana.** CAROLINA or CRAIG HEMLOCK.

Location: Pinetum, with the above.

Natural distribution: Virginia to Georgia.

**Tsuga diversifolia.** HAIRY-TWIGGED JAPANESE HEMLOCK.

Location: Pinetum, with the above.

Natural distribution: Japan.

**Tsuga Tsuga** (*T. Sieboldii*). SIEBOLD'S HEMLOCK.

Location: Pinetum, with the above. Flower beds at Conservatory Range I.

Natural distribution: Japan.

### Pseudotsuga. DOUGLAS SPRUCE

**Pseudotsuga mucronata** (*P. Douglasii*). DOUGLAS SPRUCE.

Location: Pinetum, west side, between path and driveway and also between the driveways, near approach to elevated railroad. West end of Long Bridge. Group at foot of Museum Approach.

Natural distribution: Western North America.

**Pseudotsuga mucronata** var: **glaucia.** BLUE DOUGLAS SPRUCE.

Location: Pinetum, with the above between driveways.

### Abies. FIRS

**Abies amabilis.** RED SILVER FIR.

Location: Pinetum, near flower border at approach to elevated railway.

Natural distribution: Northwestern North America.

***Abies balsamea.* BALSAM FIR.**

Location: Pinetum, northwest of Conservatory Range I; in depression north of Power House I.

Natural distribution: Northern North America.

***Abies cephalonica.* MT. ENOS FIR.**

Location: Pinetum, northwest of Conservatory Range I.

Natural distribution: Greece.

***Abies cilicica.* CILICIAN FIR.**

Location: Pinetum, northwest of Conservatory Range I.

Natural distribution: Asia Minor.

***Abies concolor.* WHITE FIR.**

Location: Pinetum, northwest of Conservatory Range I.

Woodlawn Bridge. West end of Long Bridge.

Natural distribution: Western North America.

***Abies concolor* var: *falcata.* CURVED-LEAVED WHITE FIR.**

Location: Pinetum, with the above.

***Abies Fraseri.* FRASER'S FIR.**

Location: Pinetum, in depression north of Power House I.

Natural distribution: Alleghany Mountains.

***Abies grandis.* GREAT SILVER FIR.**

Location: Pinetum, near flower border at approach to elevated railway.

***Abies homolepis.* NIKKO SILVER FIR.**

Location: Pinetum, northwest of Conservatory Range I.

Natural distribution: Japan.

***Abies homolepis* var: *umbellata.* MAYR'S FIR.**

Location: Pinetum, with the above.

Distribution: Japan.

***Abies lasiocarpa.* WESTERN BALSAM FIR.**

Location: Pinetum, northwest of Conservatory Range I; in depression north of Power House I.

Natural distribution: Western North America.

***Abies Momi* (*A. firma*). JAPANESE SILVER FIR.**

Location: Pinetum, west of Conservatory Range I.

Natural distribution: Japan.

***Abies nobilis.* RED FIR.**

Location: Pinetum, northwest of Conservatory Range I.

Natural distribution: Washington and Oregon.

***Abies Nordmanniana.*** NORDMANN'S SILVER FIR.

Location: Pinetum, northwest of Conservatory Range I.  
West end of Long Bridge. Woodlawn Bridge.

Natural distribution: Caucasus.

***Abies numidica.*** ALGERIAN SILVER FIR.

Location: Pinetum, northwest of Conservatory Range I.  
Natural distribution: Northern Africa.

***Abies Picea* (*A. pectinata*). SILVER FIR.**

Location: Pinetum, northwest of Conservatory Range I; in depression north of Power House I.

***Abies Pinsapo.*** SPANISH FIR.

Location: Pinetum, in depression north of Power House I.  
Natural distribution: Spain.

***Abies sibirica.*** SIBERIAN FIR.

Location: Pinetum, in depression north of Power House I.  
Natural distribution: Northern Europe and Asia.

***Abies Tomomi.*** TOMOMI FIR.

Location: Pinetum, northwest of Conservatory Range I; near flower bed at approach to elevated railway.  
Natural distribution: Japan.

***Abies Veitchii.*** VEITCH'S SILVER FIR.

Location: Pinetum, northwest of Conservatory Range I; also between path and driveway.  
Natural distribution: Japan and Manchuria.

## TAXODIINAE. Taxodium Tribe

## Sciadopitys. UMBRELLA PINE

***Sciadopitys verticillata.*** UMBRELLA PINE.

Location: Pinetum, north end of Herbaceous Grounds valley.  
Natural distribution: Japan.

## Sequoia. SEQUOIAS

***Sequoia Washingtoniana.*** BIG TREE.

Location: Pinetum, north end of Herbaceous Grounds valley.  
Natural distribution: Sierra Nevada Mountains, California.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### **Cryptomeria.** JAPANESE CEDAR

**Cryptomeria japonica.** JAPANESE CEDAR.

Location: Pinetum, north end of Herbaceous Grounds Valley.

Natural distribution: Japan.

**Cryptomeria japonica** var. **Lobbi.** LOBB'S JAPANESE CEDAR.

Location: Pinetum, with the above.

### **Taxodium.** BALD CYPRESS

**Taxodium ascendens.** POND CYPRESS.

Location: Pinetum, at culvert near South Gate.

Natural distribution: Southeastern United States.

**Taxodium distichum.** BALD CYPRESS.

Location: Pinetum, with the above.

Natural distribution: Southeastern United States.

### CUPRESSINEAE. Cypress Tribe

#### **Thuja.** ARBOR VITAE

**Thuja occidentalis.** ARBOR VITAE.

Location: Pinetum, west end of area between driving roads,  
south of Conservatory Range 1. Beds north side of Con-  
servatory Range 1.

**Thuja occidentalis** var. **alba.** WHITE ARBOR VITAE.

Location: Pinetum, with the above.

**Thuja occidentalis** var. **aureo-variegata.** GOLDEN-VARIEGATED  
ARBOR VITAE.

Location: Pinetum, with the above.

**Thuja occidentalis** var. **Columbia.** COLUMBIA ARBOR VITAE.

Location: Pinetum, with the above.

**Thuja occidentalis** var. **Douglasii pyramidalis.** DOUGLAS'S  
PYRAMIDAL ARBOR VITAE.

Location: Pinetum, with the above.

**Thuja occidentalis** var. **elegantissima.** CHOICE ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *Ellwangeriana*.** ELLWANGER'S ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *fastigiata*.** PYRAMIDAL ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *filiformis*.** SLENDER ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *globosa*.** ROUND ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *globosa nova*.** NEW ROUND ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *globosa Spihlmanni*,** SPIHLMANN'S ROUND ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *Little Gem*.** LITTLE GEM ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *lutea*.** YELLOW ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *nana*.** DWARF ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *pendula*.** WEEPING ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *plicata*.** FOLDED ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *pumila*.** LOW ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *Rosenthalii*.** ROSENTHAL'S ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *sempervirens*.** EVERGREEN ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *Spaethii*.** SPAETH'S ARBOR VITAE.

Location: Pinetum, with the above.

***Thuja occidentalis* var. *spiralis*.** TWISTED ARBOR VITAE.

Location: Pinetum, with the above.

**Thuja occidentalis** var. **Wareana** (*Thuja sibirica*). **WARE'S ARBOR VITAE.**

Location: Pinetum, with the above.

**Thuja orientalis** (*Biota orientalis*). **CHINESE ARBOR VITAE.**

Location: Pinetum, with the above.

Natural distribution: China and Japan.

**Thuja orientalis** var. **aurea**. **GOLDEN CHINESE ARBOR VITAE.**

Location: Pinetum, with the above.

**Thuja orientalis** var. **aurea nana**. **DWARF GOLDEN CHINESE ARBOR VITAE.**

Location: Pinetum, with the above.

**Thuja orientalis** var. **aurea pyramidalis**. **PYRAMIDAL CHINESE ARBOR VITAE.**

Location: Pinetum, with the above.

**Thuja orientalis** var. **filiformis**. **WEEPING CHINESE ARBOR VITAE.**

Location: Pinetum, with the above.

**Thuja plicata** var. **atrovirens**. **DARK-GREEN CANOE CEDAR.**

Location: Pinetum, with the above.

Natural distribution: Northwestern North American.

**Thuja Standishii** (*Thuja japonica*). **JAPANESE ARBOR VITAE.**

Location: Pinetum, with the above. Beds at Conservatory Range 1.

Natural distribution: Japan.

### **Chamaecyparis. WHITE CEDAR**

**Chamaecyparis Lawsoniana**. **PORT ORFORD CEDAR.**

Location: Pinetum, at culvert near South Gate. Woodlawn Bridge.

Natural distribution: Oregon and California.

**Chamaecyparis Lawsoniana** var. **Alumii**. **BLUE PYRAMIDAL PORT ORFORD CEDAR.**

Pinetum, with the above. Beds at Conservatory Range 1.

**Chamaecyparis nootkatensis**. **YELLOW CEDAR.**

Location: Pinetum, with the above. Woodlawn Bridge. Beds at Conservatory Range 1. Iris Garden.

Natural distribution: Alaska to Oregon.

**Chamaecyparis nootkatensis** var. **glauca**. BLUE YELLOW CEDAR.

Location: Pinetum, with the above.

**Chamaecyparis nootkatensis** var. **pendula**. WEEPING YELLOW CEDAR.

Location: Pinetum, with the above.

**Chamaecyparis obtusa**. HINOKI CYPRESS.

Location: Pinetum, terrace and vicinity southwest of Conservatory Range 1. Beds at Conservatory Range 1.

**Chamaecyparis obtusa** var. **aurea**. GOLDEN HINOKI CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis obtusa** var. **aurea nova**. NEW GOLDEN HINOKI CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis obtusa** var. **aurea Youngii**. YOUNG'S GOLDEN HINOKI CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis obtusa** var. **compacta**. COMPACT HINOKI CYPRESS.\*

Location: Pinetum, with the above.

**Chamaecyparis obtusa** var. **filicoides**. FERN HINOKI CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis obtusa** var. **gracilis**. SLENDER HINOKI CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis obtusa** var. **lycopodioides**. LYCOPODIUM HINOKI CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis obtusa** var. **nana**. DWARF HINOKI CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis obtusa** var. **nana aurea**. GOLDEN DWARF HINOKI CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis obtusa** var. **nana filifera**. SLENDER DWARF HINOKI CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis obtusa** var. **pygmaea**. PYGMY HINOKI CYPRESS.

Location: Pinetum, with the above.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

***Chamaecyparis obtusa* var. *tetragona aurea*.** GOLDEN FOUR-SIDED HINOKI CYPRESS.

Location: Pinetum, with the above.

***Chamaecyparis pisifera*.** SAWARA CYPRESS.

Location: Pinetum, with the above.

Natural distribution: Japan.

***Chamaecyparis pisifera* var. *aurea*.** GOLDEN SAWARA CYPRESS.

Location: Pinetum, with the above.

***Chamaecyparis pisifera* var. *filifera*.** SLENDER SAWARA CYPRESS.

Location: Pinetum, with the above. Beds at Conservatory Range I.

***Chamaecyparis pisifera* var. *filifera aurea*.** GOLDEN SLENDER SAWARA CYPRESS.

Location: Pinetum, with the above.

***Chamaecyparis pisifera* var. *filifera pendula*.** WEEPING SAWARA CYPRESS.

Location: Pinetum, with the above.

***Chamaecyparis pisifera* var. *filifera pendula aurea*.** GOLDEN WEEPING SAWARA CYPRESS.

Location: Pinetum, with the above.

***Chamaecyparis pisifera* var. *filifera pendula aurescens*.** GOLDEN-TIPPED WEEPING SAWARA CYPRESS.

Location: Pinetum, with the above.

***Chamaecyparis pisifera* var. *plumosa*.** PLUMED SAWARA CYPRESS.

Location: Pinetum, with the above.

***Chamaecyparis pisifera* var. *plumosa albo-spica*.** WHITE-SPOTTED PLUMOSE SAWARA CYPRESS.

Location: Pinetum, with the above.

***Chamaecyparis pisifera* var. *plumosa aurea*.** GOLDEN PLUMOSE SAWARA CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis pisifera var. plumosa sulphurea.** SULPHUR-COLORED PLUMOSE SAWARA CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis pisifera var. pseudo-squarrosa** (*Chamaecyparis pisifera squarrosa Veitchii*). VEITCH'S SAWARA CYPRESS.

Location: Pinetum, with the above. Beds at Conservatory Range 1.

**Chamaecyparis pisifera var. pseudo-squarrosa sulphurea.** VEITCH'S SULPHUR SAWARA CYPRESS.

Location: Pinetum, with the above. Beds at Conservatory Range 1.

**Chamaecyparis pisifera var. squarrosa.** SPREADING SAWARA CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis pisifera var. squarrosa compacta.** COMPACT SPREADING CYPRESS.

Location: Pinetum, with the above.

**Chamaecyparis pisifera var. sulphurea.** SULRHUR SAWARA CYPRESS. Location: Pinetum, with the above.

**Chamaecyparis thyoides.** WHITE CEDAR.

Location: Pinetum, at culvert near South Gate. North side of Aquatic Garden.

Natural distribution: Eastern United States.

**Chamaecyparis thyoides var. andelyensis.** ANDELYAN WHITE CEDAR.

Location: Pinetum, with the above.

### ***Juniperus.* CEDARS AND JUNIPERS.**

***Juniperus chinensis.* CHINESE JUNIPER.**

Location: Pinetum, south of Conservatory Range 1.

Natural distribution: China and Japan.

***Juniperus chinensis* var. *aurea*.** GOLDEN CHINESE JUNIPER.

Location: Pinetum, with the above.

***Juniperus chinensis* var. *globosa*.** GLOBOSE CHINESE JUNIPER.

Location: Pinetum, with the above.

***Juniperus chinensis* var. *globosa aurea*.** GOLDEN GLOBOSE CHINESE JUNIPER.

Location: Pinetum, with the above.

**Juniperus chinensis** var. **nana**. DWARF CHINESE JUNIPER.

Location: Pinetum, with the above.

**Juniperus chinensis** var. **nana argentea-variegata**. SILVER-SPOTTED DWARF.

**Juniperus chinensis** var. **nana argenteo-variegata**. SILVER-SPOTTED DWARF CHINESE JUNIPER.

Location: Pinetum, with the above.

**Juniperus chinensis** var. **nana aurea**. GOLDEN DWARF CHINESE JUNIPER.

Location: Pinetum, with the above.

**Juniperus chinensis** var. **nana aureo-variegata**. GOLDEN-SPOTTED DWARF CHINESE JUNIPER.

Location: Pinetum, with the above.

**Juniperus chinensis** var. **pendula**. WEEPING CHINESE JUNIPER.

Location: Pinetum, with the above.

**Juniperus chinensis** var. **Pfitzeriana**. PFITZER'S CHINESE JUNIPER.

Location: Pinetum, with the above.

**Juniperus chinensis** var. **procumbens**. PROSTRATE CHINESE JUNIPER.

Location: Pinetum, with the above.

**Juniperus chinensis** var. **albo-variegata**. VARIEGATED PROSTRATE CHINESE JUNIPER.

Location: Pinetum, with the above. Bed at Conservatory Range I.

**Juniperus chinensis** var. **pyramidalis**. PYRAMIDAL CHINESE JUNIPER.

Location: Pinetum, with the above.

**Juniperus chinensis** var. **pyramidalis argenteo-variegata**. SILVER-SPOTTED PYRAMIDAL CHINESE JUNIPER.

Location: Pinetum, with the above.

**Juniperus communis**. COMMON JUNIPER.

Location: Pinetum, with the above.

Natural distribution: North temperate regions.

**Juniperus communis** var. **hibernica**. IRISH JUNIPER.

Location: Pinetum, with the above.

**Juniperus depressa** (*Juniperus canadensis*). LOW JUNIPER.

Location: Pinetum, with the above. Beds at Conservatory Range 1.

Natural distribution: Northern North America.

**Juniperus depressa** var. **aurea** (*Juniperus canadensis aurea*). GOLDEN LOW JUNIPER.

Location: Pinetum, with the above. Beds at Conservatory Range 1.

**Juniperus excelsa.** TALL JUNIPER.

Location: Pinetum, with the above.

Natural distribution: Greece, Western Asia and Himalayas.

**Juniperus horizontalis** (*Juniperus Sabina prostrata*). WAUKEGAN JUNIPER.

Location: Pinetum, with the above.

Natural distribution: Northern North America.

**Juniperus pachyphloea.** THICK-BARKED JUNIPER.

Location: Pinetum, with the above.

Natural distribution: Southwestern United States and Mexico.

**Juniperus Sabina.** SAVIN JUNIPER.

Location: Pinetum, with the above.

Natural distribution: Europe and Asia.

**Juniperus Sabina** var. **fastigiata**. COLUMNAR SAVIN JUNIPER.

Location: Pinetum, with the above.

**Juniperus Sabina** var. **tamariscifolia**. TAMARIX SAVIN JUNIPER.

Location: Pinetum, with the above.

Natural distribution: Southern Europe.

**Juniperus Sabina** var. **variegata**. VARIEGATED SAVIN JUNIPER.

Location: Pinetum, with the above.

**Juniperus sphaerica.** FORTUNE'S JUNIPER.

Location: Pinetum, with the above.

Natural distribution: Northern China.

**Juniperus squamata.** NEEDLE-LEAVED PROSTRATE JUNIPER.

Location: Pinetum, with the above.

Natural distribution: Himalayas and western China.

**Juniperus virginiana.** RED CEDAR.

Location: Pinetum, with the above. Wild on open ridges about the grounds.

Natural distribution: North America.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

(Continued)

**Juniperus virginiana** var. **albo-spica**. WHITE-SPOTTED RED CEDAR.

Location: Pinetum, with the above.

**Juniperus virginiana** var. **Cannartii**. CANNART'S RED CEDAR.

Location: Pinetum, with the above.

**Juniperus virginiana** var. **elegantissima**. YELLOW RED CEDAR.

Location: Pinetum, with the above.

**Juniperus virginiana** var. **glauca**. GLAUCOUS RED CEDAR.

Location: Pinetum, with the above. Beds at Conservatory Range 1.

**Juniperus virginiana** var. **glauca pendula**. DROOPING GLAUCOUS RED CEDAR.

Location: Pinetum, with the above.

**Juniperus virginiana** var. **globosa**. GLOBOSE RED CEDAR.

Location: Pinetum, with the above.

**Juniperus virginiana** var. **nana pendula**. WEEPING DWARF RED CEDAR.

Location: Pinetum, with the above.

**Juniperus virginiana** var. **pendula**. DROOPING RED CEDAR.

Location: Pinetum, with the above.

**Juniperus virginiana** var. **plumosa argentea**. SILVER-SPOTTED RED CEDAR.

Location: Pinetum, with the above.

**Juniperus virginiana** var. **Schottii**. SCHOTT'S RED CEDAR.

Location: Pinetum, with the above.

**Juniperus virginiana** var. **tripartita**. NEEDLE-LEAVED DWARF RED CEDAR.

Location: Pinetum, with the above.

### GINGKOACEAE. Maiden-hair Tree Family

#### Gingko. MAIDEN-HAIR TREE

**Gingko biloba**. MAIDEN-HAIR TREE.

Location: Pinetum, south end of ridge west of Herbaceous

Grounds. Plaza, at railroad depot, N. Y. C. & H. R. R.  
Driveway, west of Museum building.

Natural distribution: China and Japan.

**Gingko biloba** var. *pyramidalis*. COLUMNAR MAIDEN-HAIR TREE  
Location: Pinetum, with the above.

#### TAXACEAE. Yew Family

##### **Cephalotaxus.** CLUSTER-FLOWERED YEW

**Cephalotaxus drupacea.** JAPANESE CLUSTER-FLOWERED YEW  
Location: Pinetum, west of Economic Garden.

Natural distribution: China and Japan.

**Cephalotaxus Harringtonia** var. *fastigiata*. HARRINGTON'S COLUMNAR CLUSTER-FLOWERED YEW.  
Location: Pinetum, with the above.

Natural distribution: Japan and China.

##### **Tumion.** TORREYA

##### **Tumion nuciferum.** JAPANESE TORREYA.

Location: Pinetum, with the above.

Natural distribution: Japan.

##### **Taxus.** YEW

##### **Taxus baccata.** ENGLISH YEW.

Location: Pinetum, west of Economic Garden.

Natural distribution: Europe to Himalayan Region.

**Taxus baccata** var. *adpressa*. SHORT-LEAVED ENGLISH YEW.  
Location: Pinetum, with the above.

**Taxus baccata** var. *argentea*. SILVERY ENGLISH YEW.  
Location: Pinetum, with the above.

**Taxus baccata** var. *aurea*. GOLDEN ENGLISH YEW.  
Location: Pinetum, with the above.

**Taxus baccata** var. *Dovastonii*. DOVASTON YEW.  
Location: Pinetum, with the above.

**Taxus baccata** var. *Dovastonii variegata*. VARIEGATED DOVASTON YEW.  
Location: Pinetum, with the above.

**Taxus baccata** var. *fastigiata*. IRISH YEW.  
Location: Pinetum, with the above.

**Taxus baccata** var. **fastigiata aurea**. GOLDEN IRISH YEW.

Location: Pinetum, with the above.

**Taxus baccata** var. **fastigiata variegata**. SILVERY IRISH YEW.

Location: Pinetum, with the above.

**Taxus baccata** var. **Jacksonii**. WEEPING ENGLISH YEW.

Location: Pinetum, with the above.

**Taxus baccata** var. **luteo-baccata**. YELLOW-FRUITED ENGLISH YEW.

Location: Pinetum, with the above.

**Taxus baccata** var. **procumbens**. PROSTRATE ENGLISH YEW.

Location: Pinetum, with the above.

**Taxus baccata** var. **repandens**. LOW ENGLISH YEW.

Location: Pinetum, with the above.

**Taxus canadensis**. AMERICAN YEW.

Location: Pinetum, with the above.

Natural distribution: Northeastern North America.

**Taxus cuspidata**. JAPANESE YEW.

Location: Pinetum, with the above.

Natural distribution: Japan.

**Taxus cuspidata** var. **densa**. DENSE JAPANESE YEW.

Location: Pinetum, with the above.

**Taxus cuspidata** var. **nana**. DWARF JAPANESE YEW.

Location: Pinetum, with the above.

### SALICACEAE. Willow Family

#### **Populus**. POPLAR

**Populus alba**. WHITE POPLAR.

Location: Arboretum, south end. Along driveway, west of Conservatory Range 1. Ridge west of Herbaceous Grounds valley, north end.

Natural distribution: Europe and Asia.

**Populus alba** var. **croatica**. BOLLE'S POPLAR.

Location: Arboretum, with the above.

Natural distribution: Turkestan.

**Populus balsamifera**. BALSAM POPLAR.

Location: Arboretum, with the above.

Natural distribution: Northern North America.

***Populus berolinensis.*** BERLIN POPLAR.

Location: Arboretum.

Hybrid.

***Populus candicans.*** BALM OF GILEAD.

Location: Arboretum. Salicetum.

Natural distribution: Northern North America.

***Populus deltoides.*** CAROLINA POPLAR.

Location: Arboretum.

Natural distribution: Eastern North America.

***Populus Eugenei.*** EUGENE POPLAR.

Location: Arboretum. Salicetum.

***Populus grandidentata.*** LARGE-TOOTHED ASPEN.

Location: Woodland, east of Herbaceous Grounds.

Natural distribution: Northeastern North America.

***Populus italica.*** LOMBARDY POPLAR.

Location: Arboretum. Salicetum. North Bridge. Woodlawn

Road Bridge. Entrance to approach of Elevated Railroad.

Natural distribution: Europe.

***Populus laurifolia.*** LAUREL-LEAVED POPLAR.

Location: Arboretum.

Natural distribution: Siberia.

***Populus nigra.*** BLACK POPLAR.

Location: Arboretum.

Natural distribution: Europe and Asia.

***Populus Petrowskiana.*** PETROWSKY'S POPLAR.

Location: Arboretum.

Hybrid.

***Populus Sargentii.*** WESTERN COTTONWOOD.

Location: Arboretum.

Natural distribution: Western North America.

***Populus serotina* var. *Van Geerti.*** VAN GEERT'S LATE POPLAR.

Location: Arboretum.

Hybrid.

***Populus Simonii.*** SIMON'S BALSAM POPLAR.

Location: Arboretum. Along driveway, west of Conservatory Range 1. West end of Long Bridge.

Natural distribution: Amur Valley to China.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

(Continued)

### ***Populus Rasumowskyana.*** RASUMOWSKY'S POPLAR.

Location: Salicetum.

Hybrid.

### ***Populus suaveolens.*** FRAGANT POPLAR.

Location: Arboretum.

Natural distribution: Siberia, Mongolia and China.

### ***Populus tremula.*** EUROPEAN ASPEN.

Location: Arboretum.

Natural distribution: Europe and Asia.

### ***Populus tremuloides.*** AMERICAN ASPEN.

Location: Arboretum.

Natural distribution: Northern North America.

### ***Populus trichocarpa.*** BLACK COTTONWOOD.

Location: Arboretum.

Natural distribution: Northwestern North America.

### ***Populus* sp. CHOPO POPLAR.**

Location: Arboretum.

Introduced by the Bureau of Plant Industry from Grenada,  
Spain.

## Salix. WILLOW

### ***Salix amygdalina* var. *angustifolia.*** NARROW-LEAVED ALMOND WILLOW.

Location: Fruticetum.

Natural distribution: Europe and Asia.

### ***Salix amygdaloidea.*** PEACH-LEAVED WILLOW.

Location: Salicetum.

Natural distribution: Central and western United States.

### ***Salix argentea.*** SILKY SAND WILLOW.

Location: Fruticetum.

Natural distribution: Europe.

### ***Salix babylonica.*** WEEPING WILLOW.

Location: Salicetum. Arboretum.

### ***Salix babylonica* var. *annularis.*** RING WILLOW.

Location: Arboretum.

**Salix Basfordiana.** BASFORD WILLOW.

Location: Salicetum.

Natural distribution: France.

**Salix bicolor** var. **Borreriana.** BORRER'S TEA-LEAVED WILLOW.

Location: Fruticetum.

Natural distribution: Europe.

**Salix bicolor** var. **Weigeliana.** WEIGEL'S WILLOW.

Location: Salicetum.

Natural distribution: Silesian Alps.

**Salix calodendron.** WIMMER'S WILLOW.

Location: Fruticetum.

Hybrid.

**Salix caprea** var. **elliptica.** ELLIPTIC-LEAVED GOAT WILLOW.

Location: Salicetum.

Natural distribution: Europe and Asia.

**Salix cinerea.** ASH WILLOW.

Location: Fruticetum. Salicetum.

Natural distribution: Europe and Asia.

**Salix cinerea** var. **aquatica.** BROAD-LEAVED ASH WILLOW.

Location: Fruticetum.

**Salix cordata.** HEART-LEAVED WILLOW.

Location: Salicetum. Fruticetum.

Natural distribution: Northern North America.

**Salix cordata** var. **angustata.** NARROW HEART-LEAVED WILLOW.

Location: Fruticetum.

Natural distribution: Northern North America.

**Salix cordata** var. **rigida.** EASTERN HEART-LEAVED WILLOW.

Location: Salicetum.

Natural distribution: New Brunswick to Pennsylvania.

**Salix discolor.** PUSSY WILLOW.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Salix elegantissima.** THURLOW'S WEEPING WILLOW.

Location: Salicetum.

Natural distribution: Japan.

**Salix Fendleriana.** FENDLER'S WILLOW.

Location: Fruticetum.

Natural distribution: Rocky Mountain region.

**Salix Forbiana.** FORBY'S WILLOW.

Location: Fruticetum.

Hybrid.

**Salix fragilis.** BRITTLE WILLOW.

Location: Salicetum.

Natural distribution: Europe and northern Asia.

**Salix glaucocephala** var. *angustifolia*. NARROW GLAUCOUS-LEAVED WILLOW.

Location: Fruticetum.

Natural distribution: Northern North America.

**Salix gracilistyla.** THUNBERG'S WILLOW.

Location: Fruticetum. North shore of Aquatic Garden.

Natural distribution: Japan, Korea, and Manchuria.

**Salix hexandra.** EHRHART'S WILLOW.

Location: Fruticetum.

Natural distribution: Europe.

**Salix holosericea.** SMITH'S WILLOW.

Location: Salicetum. Fruticetum.

Natural distribution: Northern Europe.

**Salix holosericea** var. *ferruginea*. SMITH'S BROWN WILLOW.

Location: Fruticetum.

**Salix incana.** HOARY WILLOW.

Location: Fruticetum.

Natural distribution: Europe and Asia Minor.

**Salix interior.** SANDBAR WILLOW.

Location: Salicetum. Fruticetum.

Natural distribution: Northern North America.

**Salix laurina.** LAUREL WILLOW.

Location: Fruticetum.

Natural distribution: Northern Europe.

**Salix lucida.** SHINING WILLOW.

Location: Fruticetum.

Natural distribution: Northern North America.

**Salix missouriensis.** MISSOURI WILLOW.

Location: Salicetum.

Natural distribution: Central United States.

**Salix missouriensis** × *cordata*. HYBRID MISSOURI WILLOW.

Location: Salicetum.

Hybrid.

**Salix mollissima.** SOFT WILLOW.

Location: Fruticetum.

Natural distribution: Europe.

**Salix nigra.** BLACK WILLOW.

Location: Salicetum.

Natural distribution: Eastern North America.

**Salix nigricans** var. *elliptica*. ELLIPTIC-LEAVED BLACKISH WILLOW.

Location: Fruticetum. Salicetum.

Natural distribution: Europe.

**Salix nigricans** var. *obovata*. ANDERSON'S WILLOW.

Location: Fruticetum.

**Salix nigricans** var. *petraea*. ROCK BLACKISH WILLOW.

Location: Fruticetum.

**Salix nigricans** var. *rotundata*. ROUND-LEAVED BLACKISH WILLOW.

Location: Fruticetum.

**Salix pendulina.** WISCONSIN WEEPING WILLOW.

Location: Arboretum.

Hybrid.

**Salix pentandra.** BAY-LEAVED WILLOW.

Location: Salicetum.

Natural distribution: Europe and northern Asia.

**Salix petiolaris.** SLENDER WILLOW.

Location: Fruticetum.

Natural distribution: Central and northeastern North America.

**Salix Pierotii.** PIEROT'S WILLOW.

Location: Salicetum.

Natural distribution: Japan.

**Salix purpurea.** PURPLE WILLOW.

Location: Fruticetum. Salicetum.

Natural distribution: Europe, northern Africa and Asia.

**Salix purpurea** var. *angustifolia*. NARROW-LEAVED PURPLE WILLOW.

Location: Fruticetum.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

**Salix purpurea** var. *gracilis*. SLENDER PURPLE WILLOW.

Location: Salicetum.

**Salix purpurea** var. *Lambertiana*. BOYTON WILLOW.

Location: Salicetum.

**Salix purpurea** var. *pyramidalis*. PYRAMIDAL PURPLE WILLOW.

Location: Salicetum.

**Salix purpurea** var. *sericea*. SILKY PURPLE WILLOW.

Location: Fruticetum.

**Salix rubra**. RED WILLOW.

Location: Fruticetum.

Natural distribution: Europe.

**Salix sericea**. SILKY WILLOW.

Location: Fruticetum.

Natural distribution: Northeastern United States.

**Salix sericea** var. *subsericea*. ANDERSON'S SILKY WILLOW.

Location: Fruticetum.

Natural distribution: Northeastern United States.

**Salix Trevirani**. TREVIRAN WILLOW.

Location: Salicetum.

Hybrid.

**Salix tristis**. SAGE WILLOW.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Salix viminalis**. OSIER WILLOW.

Location: Fruticetum.

Natural distribution: Europe and Asia.

**Salix viridis**. GREEN WILLOW.

Location: Fruticetum.

Hybrid.

**Salix vitellina**. YELLOW WILLOW.

Location: Salicetum. Arboretum.

Natural distribution: Europe and Asia.

**Salix vitellina** var. *alba*. WHITE WILLOW.

Location: Salicetum.

**Salix vitellina** var. **alba splendens**. SILVERY WHITE WILLOW.

Location: Salicetum.

**Salix vitellina** var. **britzensis**. RED-STEMMED WILLOW.

Location: Salicetum.

**Salix vitellina** var. **pendula**. WEEPING YELLOW WILLOW.

Location: Salicetum.

**Salix** sp.

Location: Salicetum.

Introduced by the Bureau of Plant Industry from Pautingfu,  
China.

**Salix** sp.

Location: Fruticetum.

Introduced by the Bureau of Plant Industry, from Schahos-  
chon, China.

**Salix** sp.

Location: Arboretum.

Introduced by the Bureau of Plant Industry from Langar,  
Chinese Turkestan.

### MYRICACEAE. Bayberry Family

**Comptonia**. SWEET FERN

**Comptonia peregrina**. SWEET FERN.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Myrica carolinensis**. BAYBERRY.

Location: Fruticetum. Wild: sparingly about the grounds on  
dry knolls and open hillsides.

Natural distribution: Eastern North America.

**Myrica Gale**. SWEET GALE.

Location: Fruticetum.

Natural distribution: North temperate-regions.

### LEITNERIACEAE. Corkwood Family

**Leitneria**. CORKWOOD

**Leitneria floridana**. CORKWOOD.

Location: Northeast of Aquatic Garden, at foot of bank.

Natural distribution: Florida, southern Missouri and Texas.

**JUGLANDACEAE.** Walnut Family

**Pterocarya.** WING-NUT

**Pterocarya fraxinifolia** var. **dumosa.** CAUCASIAN WING-NUT.

Location: Arboretum.

Natural distribution: Caucasian Region.

**Pterocarya stenoptera.** NARROW-WINGED WING-NUT.

Location: Arboretum.

Natural distribution: China.

**Juglans.** WALNUT

**Juglans cinerea.** BUTTERNUT.

Location: Arboretum.

Natural distribution: Eastern North America.

**Juglans hybrid.** HYBRID WALNUT.

Location: Arboretum.

Hybrid.

**Juglans major.** ARIZONA WALNUT.

Location: Arboretum.

Natural distribution: New Mexico, Arizona and Mexico.

**Juglans mandshurica.** MANCHURIAN WALNUT.

Location: Arboretum.

Natural distribution: Manchuria and Amurland.

**Juglans nigra.** BLACK WALNUT.

Location: Arboretum. Along path from Museum to Elevated Railroad Approach.

Natural distribution: Eastern United States.

**Juglans regia.** ENGLISH WALNUT.

Location: Arboretum.

Natural distribution: Southeastern Europe to China.

**Juglans Sieboldiana.** SIEBOLD'S WALNUT.

Location: Arboretum.

Natural distribution: Japan.

**Hicoria.** HICKORY

**Hicoria alba.** MOCKER-NUT.

Location: Wild: occasional.

Natural distribution: Eastern United States.

**Hicoria aquatica.** WATER HICKORY.

Location: Arboretum.

Natural distribution: Southeastern United States.

**Hicoria cordiformis.** BITTER-NUT.

Location: Arboretum. Along path, Museum to Elevated Railroad Approach. Wild: scarce.

Natural distribution: Eastern United States.

**Hicoria glabra.** PIGNUT HICKORY.

Location: Wild: occasional.

Natural distribution: Eastern United States.

**Hicoria laciniosa.** BIG SHELLBARK HICKORY.

Location: Arboretum.

Natural distribution: Eastern United States.

**Hicoria microcarpa.** SMALL-FRUITED HICKORY.

Location: Wild: scarce.

Natural distribution: Northeastern United States.

**Hicoria ovata.** SHAG-BARK HICKORY.

Location: Near Depot Plaza.

Natural distribution: Eastern North America.

**Hicoria Pecan.** PECAN NUT.

Location: Arboretum.

Natural distribution: Southeastern United States.

## BETULACEAE. Birch Family

**Carpinus.** HORNBEAM**Carpinus Betulus.** EUROPEAN HORNBEAM.

Location: Arboretum.

Natural distribution: Europe to Persia.

**Carpinus caroliniana.** AMERICAN HORNBEAM.

Location: Arboretum. Wild: near Economic Garden; near lakes; common in the wooded areas of the grounds.

Natural distribution: Eastern North America.

**Ostrya.** HOP HORNBEAM**Ostrya virginiana.** HOP HORNBEAM.

Location: Wild: Arboretum, path northeast of Senna family, and at Plum family; occasional in wooded areas of the grounds.

**Corylus. HAZELNUT*****Corylus americana.* AMERICAN HAZELNUT.**

Location: Fruticetum. Economic Garden. Wild: scarce.

Natural distribution: Eastern North America.

***Corylus Avellana.* EUROPEAN HAZELNUT.**

Location: Fruticetum.

Natural distribution: Temperate Old World.

***Corylus Avellana* var. *atropurpurea.* PURPLE EUROPEAN HAZEL-NUT.**

Location: Fruticetum.

***Corylus Avellana* var. *urticifolia.* CUT-LEAVED EUROPEAN HAZELNUT.**

Location: Fruticetum. Economic Garden.

***Corylus maxima* var. *purpurea.* PURPLE-LEAVED HAZELNUT.**

Location: Fruticetum.

Natural distribution: Southern Europe.

***Corylus pontica.* ASIATIC HAZELNUT.**

Location: Fruticetum.

Natural distribution: Western Asia.

***Corylus rostrata.* BEAKED HAZELNUT.**

Location: Fruticetum.

Natural distribution: Northern North America.

**Betula. BIRCH*****Betula alba* var. *ovalis.* OVAL HAIRY WHITE BIRCH.**

Location: Arboretum.

Natural distribution: Europe and Asia.

***Betula alba* var. *rhombifolia.* RHOMB-LEAVED HAIRY WHITE BIRCH.**

Location: Arboretum.

***Betula alleghanensis.* SOUTHERN YELLOW BIRCH.**

Location: Arboretum.

Natural distribution: Eastern United States.

***Betula Andrewii.* ANDREWS' BIRCH.**

Location: Arboretum.

Natural distribution: Colorado.

***Betula coerulea.* BLUE BIRCH.**

Location: Arboretum.

Natural distribution: Northeastern United States.

**Betula davurica.** DAHURIAN BIRCH.

Location: Arboretum.

Natural distribution: Transbaikalia and Amur Region.

**Betula Ermanii.** ERMAN'S BIRCH.

Location: Arboretum.

Natural distribution: Manchuria to Japan.

**Betula fontinalis.** WESTERN RED BIRCH.

Location: Arboretum.

Natural distribution: Rocky Mountains.

**Betula glandulifera.** SCRUB BIRCH.

Location: Fruticetum.

Natural distribution: Northern North America.

**Betula lenta.** CHERRY BIRCH.

Location: Arboretum. Along road east of Museum. Along path west of Conservatory Range I. Wild: common on wooded ridges.

Natural distribution: Eastern North America.

**Betula lutea.** YELLOW BIRCH.

Location: Arboretum. Triangle near Lake Bridge. Along path west of Conservatory Range I. Near Pinetum plaza.  
Natural distribution: Eastern North America.

**Betula nigra.** RIVER BIRCH.

Location: Arboretum.

Natural distribution: Eastern United States.

**Betula papyrifera.** PAPER BIRCH.

Location: Arboretum.

Natural distribution: Northern North America.

**Betula pendula.** WHITE BIRCH.

Location: Arboretum.

Natural distribution: Europe and Asia.

**Betula pendula** var. *dalecarlica* (*Betula pendula* var. *laciniata*).

FERN-LEAVED WHITE BIRCH.

Location: Arboretum.

Natural distribution: Sweden.

**Betula pendula** var. *gracilis*. WEEPING FERN-LEAVED WHITE BIRCH

Location: Arboretum.

**Betula pendula Mandschurica.** MANCHURIAN WHITE BIRCH.

Location: Arboretum.

Natural distribution: Manchuria.

**Betula pendula** var. *Tauschii*. JAPANESE WHITE BIRCH.

Location: Arboretum.

Natural distribution: Japan.

**Betula populifolia.** GRAY BIRCH.

Location: Arboretum. Along path, north end of Herbaceous Grounds. Wild: along woodland borders, or more rarely in the woods.

#### **Alnus. ALDER**

**Alnus alnobetula.** MOUNTAIN ALDER.

Location: Fruticetum.

Natural distribution: North Temperate Regions.

**Alnus Alnus (*Alnus glutinosa*).** EUROPEAN ALDER.

Location: Arboretum.

Natural distribution: Europe.

**Alnus cordata.** HEART-LEAVED ALDER.

Location: Arboretum.

Natural distribution: Corsica and southern Italy.

**Alnus elliptica.** CORSICAN ALDER.

Location: Arboretum.

Natural distribution: Corsica.

**Alnus incana.** HOARY ALDER.

Location: Arboretum.

Natural distribution: North temperate regions.

**Alnus japonica.** JAPANESE ALDER.

Location: Arboretum.

Natural distribution: Japan.

**Alnus rugosa.** SMOOTH ALDER.

Location: Fruticetum. Along path east of Museum. Wild: common in low places and along lakes and streams.

Natural distribution: Eastern United States.

**Alnus subcordata.** CAUCASIAN ALDER.

Location: Arboretum.

Natural distribution: Caucasus and northern Persia.

**Alnus tinctoria.** DYE ALDER.

Location: Arboretum.

Natural distribution: Japan.

## FAGACEAE. Beech Family

**Fagus.** BEECH**Fagus grandifolia.** AMERICAN BEECH.

Location: Arboretum. Along driveway at Viburnum triangle, south of Museum. Wild: common in wooded areas; fine examples along the Bronx River near the Japanese Cherry Collection.

Natural distribution: Eastern North America.

**Fagus sylvatica.** EUROPEAN BEECH.

Location: Arboretum. West end of West Lake.

Natural distribution: Europe and Caucasus.

**Fagus sylvatica** var. *heterophylla*. FERN-LEAVED EUROPEAN BEECH.

Location: Arboretum.

**Fagus sylvatica** var. *pendula*. WEEPING EUROPEAN BEECH.

Location: Arboretum. Near Depot Plaza. South of Mansion.

**Fagus sylvatica** var. *purpurea*. PURPLE EUROPEAN BEECH.

Location: Arboretum. Near Depot Plaza.

**Fagus sylvatica** var. *purpurea pendula*. PURPLE WEEPING EUROPEAN BEECH.

Location: Arboretum.

**Fagus sylvatica** var. *Riversii*. RIVERS' EUROPEAN BEECH.

Location: Arboretum.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### **Castanea. CHESTNUT**

#### **Castanea crenata. JAPANESE CHESTNUT.**

Location: Arboretum.

Natural distribution: Japan and China.

#### **Castanea dentata. AMERICAN CHESTNUT.**

Location: Formerly common in many fine specimens in the grounds of the Garden, but now practically destroyed by the chestnut blight; remaining only as sprouts from old stumps.

Natural distribution: Eastern United States and Ontario.

#### **Castanea mollissima. CHINESE CHESTNUT.**

Location: Arboretum.

Natural distribution: China.

#### **Castanea pumila. CHINQUAPIN.**

Location: Fruticetum.

Natural distribution: Southeastern United States.

### **Quercus. OAK**

#### **Quercus alba. WHITE OAK.**

Location: Arboretum, southeast corner of area devoted to the Apple family. Along path near Museum approach. Along drive at west end of west lake. Corner of Viburnum triangle south of Museum. Wild: common in wooded areas.

Natural distribution: Eastern North America.

#### **Quercus alba × Quercus bicolor. HYBRID OAK.**

Location: Arboretum.

Hybrid.

#### **Quercus alba × Quercus Prinus. HYBRID OAK.**

Location: Arboretum.

Hybrid.

#### **Quercus bicolor. SWAMP WHITE OAK.**

Location: Arboretum. Along drive, east of Museum. Along drive west of Museum. Wild: occasional.

Natural distribution: Eastern North America.

***Quercus Cerris.* TURKEY OAK.**

Location: Arboretum. Along drive west of Conservatory Range I.

Natural distribution; Southeastern Europe and western Asia.

***Quercus coccinea.* SCARLET OAK.**

Location: Arboretum. Wild: quite frequent in the southern woods west of the Bronx River.

Natural distribution: Northeastern United States.

***Quercus dentata.* JAPANESE TOOTHED OAK.**

Location: Arboretum.

Natural distribution: Japan.

***Quercus ellipsoidalis.* HILL'S OAK.**

Location: Arboretum.

Natural distribution: North Central United States.

***Quercus glandulifera.* GLAND-BEARING OAK.**

Location: Arboretum.

Natural distribution: Japan.

***Quercus grosseserrata.* LARGE-TOOTHED OAK.**

Location: Arboretum.

Natural distribution: Japan.

***Quercus heterophylla.* BARTRAM'S OAK.**

Location: Arboretum; several trees raised from seed from a single individual showing an interesting gradation between the parents.

Hybrid between *Quercus Phellos* and *Quercus rubra*.

***Quercus imbricaria.* SHINGLE OAK.**

Location: Arboretum.

Natural distribution: Eastern United States.

***Quercus lobata.* CALIFORNIA WHITE OAK.**

Location: Arboretum. Fruticetum.

Natural distribution: California.

***Quercus lyrata.* SWAMP POST OAK.**

Location: Arboretum. Along drive west end of west lake.

Along drive near Viburnum triangle south of Museum.

Natural distribution; Southeastern United States.

***Quercus macrocarpa.* MOSSY-CUP OAK.**

Location: Arboretum. Along drive Lake Bridge to South Gate, near drinking fountain and near Pinetum plaza.

Natural distribution: Eastern North America.

***Quercus marilandica.*** BLACK JACK OAK.

Location: Arboretum.

Natural distribution. Southeastern United States.

***Quercus Michauxii.*** COW OAK.

Location: Arboretum.

Natural distribution: Southeastern United States.

***Quercus montana.*** CHESTNUT OAK.

Location: Arboretum.

Natural distribution: Eastern United States and Ontario.

***Quercus nana.*** SCRUB OAK.

Location: Fruticetum.

Natural distribution: Northeastern North America.

***Quercus palustris.*** PIN OAK.

Location: Arboretum. Along driveway from Depot Plaza to Fruticetum. Along path from Plaza at 200th Street entrance to approach to elevated railway. Along driveway southeast of Museum. Wild: common.

Natural distribution: Eastern United States.

***Quercus palustris* × *Quercus imbricaria.*** HYBRID OAK.

Location: Arboretum.

Hybrid.

***Quercus prinoides.*** SCRUB CHESTNUT OAK.

Location: Fruticetum.

Natural distribution: Eastern United States.

***Quercus Prinus.*** ROCK CHESTNUT OAK.

Location: Arboretum. Wild: occasional in the south woods west of the Bronx River.

Natural distribution: Northeastern United States.

***Quercus Robur.*** ENGLISH OAK.

Location: Arboretum.

Natural distribution: Europe and western Asia.

***Quercus Robur* var. *atropurpurea.*** PURPLE-LEAVED ENGLISH OAK.

Location: Arboretum.

***Quercus Robur* var. *Concordia.*** GOLDEN ENGLISH OAK.

Location: Arboretum.

***Quercus Robur* var. *fastigiata.*** COLUMNAR ENGLISH OAK.

Location: Arboretum.

**Quercus Robur** var. *fastigiata cupressoides*. NARROW-LEAVED  
COLUMNAR ENGLISH OAK.

Location: Arboretum.

**Quercus rubra.** RED OAK.

Arboretum. Along driveway from Depot Plaza to Fruticetum.

Along driveway south of Museum. Along path south  
of the west lake. Wild: common.

Natural distribution: Eastern North America.

**Quercus Schneckii.** SCHNECK'S OAK.

Location: Arboretum.

Natural distribution: South Central United States.

**Quercus serrata.** SAW-TOOTHED OAK.

Location: Arboretum.

Natural distribution: China and Japan.

**Quercus sessiliflora.** SHORT-STALKED ENGLISH OAK.

Location: Arboretum.

Natural distribution: Europe and western Asia.

**Quercus sinuata.** WALTER'S OAK.

Location: Arboretum.

Hybrid between *Quercus nigra* and *Quercus Catesbeiae*.

**Quercus stellata.** POST OAK.

Location: Arboretum.

Natural distribution: Eastern United States.

**Quercus velutina.** BLACK OAK.

Location: Arboretum. Near Economic Garden. Southeast  
of Museum, along path to Economic Garden. Wild:  
common.

Natural distribution: Eastern United States.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### ULMACEAE. Elm Family

#### *Ulmus.* ELM

***Ulmus alata.*** WINGED ELM.

Location: Arboretum.

Natural distribution: Southeastern United States.

***Ulmus americana.*** AMERICAN ELM.

Location: At and near Depot Plaza. Near approach to elevated railway. Herbaceous Grounds. Along driveway west of Museum. In front of Mansion. Wild: common.

Natural distribution: Eastern North America.

***Ulmus campestris* var. *Berardii.*** BERARD'S ELM.

Location: Fruticetum.

Horticultural origin.

***Ulmus foliacea.*** SMOOTH-LEAVED ELM.

Location: Arboretum.

Natural distribution: Europe and western Asia.

***Ulmus foliacea* var. *pendula.*** WEEPING SMOOTH-LEAVED ELM.

Location: Arboretum.

***Ulmus foliacea* var. *umbraculifera.*** PERSIAN ELM.

Location: Arboretum.

Natural distribution: Persia and Turkestan.

***Ulmus foliacea* var. *Wheatleyi.*** WHEATLEY'S ELM.

Location: Arboretum.

***Ulmus fulva.*** SLIPPERY ELM.

Location: Arboretum, near Nursery. Wild: scarce.

Natural distribution: Eastern North America.

***Ulmus glabra.*** SCOTCH ELM.

Location: Arboretum.

Natural distribution: Europe to Japan.

***Ulmus glabra*** var. **grandidentata**. THREE-LOBED SCOTCH ELM.

Location: Arboretum.

Natural distribution: Europe to Japan.

***Ulmus laevis***. SMOOTH ELM.

Location: Arboretum.

Natural distribution: Central Europe to western Asia.

***Ulmus parvifolia***. CHINESE ELM.

Location: Arboretum.

Natural distribution: China and Japan.

***Ulmus pumila***. DWARF ELM.

Location: Arboretum.

Natural distribution: Central Asia.

***Ulmus serotina***. RED ELM.

Location: Arboretum.

Natural distribution: Southeastern United States.

***Ulmus Thomsasi***. ROCK ELM.

Location: Arboretum.

Natural distribution: Northeastern North America.

### **Celtis. HACKBERRY**

***Celtis canina***. DOG HACKBERRY.

Location: Arboretum.

Natural distribution: Northeastern United States.

***Celtis caucasica***. CAUCASIAN HACKBERRY.

Location: Arboretum.

Natural distribution: Caucasus and northern Persia.

***Celtis georgiana***. GEORGIA HACKBERRY.

Location: Arboretum. Wild: rather common.

Natural distribution: Southeastern United States.

***Celtis occidentalis***. HACKBERRY.

Location: Arboretum. Wild: occasional.

Natural distribution: Eastern North America.

***Celtis sinensis***. CHINESE HACKBERRY.

Location: Arboretum.

Natural distribution: China and Japan.

***Celtis Smallii***. SMALL'S HACKBERRY.

Location: Arboretum.

Natural distribution: Southeastern United States.

**Zelkova.** ZELKOVA**Zelkova serrata.** SHARP-POINTED ZELKOVA.

Location: Arboretum.

Natural distribution: Japan.

## MORACEAE. Mulberry Family

**Morus.** MULBERRY**Morus alba.** WHITE MULBERRY.

Location: Arboretum.

Natural distribution: Asia.

**Morus alba** var. **pendula.** WEEPING WHITE MULBERRY.

Location: Arboretum.

**Morus alba** var. **tartarica.** RUSSIAN MULBERRY.

Location: Arboretum. Fruticetum. Approach to elevated railway.

Natural distribution: Russia.

**Morus rubra.** RED MULBERRY.

Location: Arboretum.

Natural distribution: Eastern United States.

**Toxylon.** OSAGE ORANGE**Toxylon pomiferum.** OSAGE ORANGE.

Location: Arboretum.

Natural distribution: South central United States.

**Broussonetia.** PAPER MULBERRY**Broussonetia papyrifera.** PAPER MULBERRY.

Location: Arboretum.

Natural distribution: China and Japan.

## TROCHODENDRACEAE. Kadsura Tree Family

**Cercidiphyllum.** KADSURA TREE**Cercidiphyllum japonicum.** KADSURA TREE.

Location: Arboretum. Approach to elevated railway.

Natural distribution: Japan.

**Eucommia. EUCOMMIA*****Eucommia ulmoides.* ELM-LEAVED EUCOMMIA.**

Location: Arboretum.

Natural distribution: China.

**RANUNCULACEAE. Crowfoot Family.****Paeonia. PEONY.*****Paeonia Moutan.* TREE PEONY.**

Location: Fruticetum. Along path from approach to Elevated Railroad to Conservatory Range 1.

Natural distribution: China.

**Xanthorrhiza. SHRUB YELLOW-ROOT.*****Xanthorrhiza apifolia.* SHRUB YELLOW-ROOT.**

Location: Fruticetum. Boulder Bridge.

Natural distribution: Southeastern United States.

**LARDIZABALACEAE. Voqui Family.****Akebia. AKEBI.*****Akebia quinata.* AKEBIA KADSURA.**

Location: Viticetum.

Natural distribution: China and Japan.

**BERBERIDACEAE. Barberry Family.****Odostemon. MAHONIA.*****Odostemon japonicus* (*Mahonia japonica*). JAPANESE MAHONIA.**

Location: Fruticetum.

Natural distribution: Himalayan Region to China.

***Odostemon japonicus* var. *gracillimus.* SLENDER JAPANESE MAHONIA.**

Location: Fruticetum.

***Odostemon nutkanus.* OREGON GRAPE.**

Location: Fruticetum.

Natural distribution: Northwestern North America.

***Odostemon nutkanus* var. *diffusus.* SPREADING OREGON GRAPE.**

Location: Fruticetum.

***Odostemon nutkanus* var. *opacus.* DULL-LEAVED OREGON GRAPE.**

Location: Fruticetum.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### Berberis. BARBERRY

**Berberis amurensis.** AMUR BARBERRY.

Location: Fruticetum.

Natural distribution: Manchuria and northern China.

**Berberis aristata.** SPINE-TOOTHED BARBERRY.

Location: Fruticetum.

Natural distribution: Himalayan Region.

**Berberis brevipaniculata.** SHORT-CLUSTERED BARBERRY.

Location: Fruticetum.

Natural distribution: China.

**Berberis buxifolia.** BOX-LEAVED BARBERRY.

Location: Fruticetum.

Natural distribution: Chili.

**Berberis buxifolia** var. *nana*. DWARF BOX-LEAVED BARBERRY.

Location: Fruticetum.

**Berberis cerasina.** CHERRY-COLORED BARBERRY.

Location: Fruticetum.

Hybrid.

**Berberis concinna.** NEAT BARBERRY.

Location: Fruticetum.

Natural distribution: Himalayan Region.

**Berberis diaphana.** SCARLET BARBERRY.

Location: Fruticetum.

Natural distribution: Western China.

**Berberis emarginata.** NOTCHED BARBERRY.

Location: Fruticetum.

Hybrid.

**Berberis Poireti.** POIRET'S BARBERRY.

Location: Fruticetum.

Natural distribution: Northern China and Amurland.

**Berberis Prattii.** PRATT'S BARBERRY.

Location: Fruticetum.

Natural distribution: Western China.

**Berberis Regeliana.** REGEL'S BARBERRY.

Location: Fruticetum.

Natural distribution: Japan.

**Berberis sibirica.** SIBERIAN BARBERRY.

Location: Fruticetum.

Natural distribution: Siberia.

**Berberis Sieboldii.** SIEBOLD'S BARBERRY.

Location: Fruticetum.

Natural distribution: Japan.

**Berberis Thunbergii.** THUNBERG'S BARBERRY.

Location: Fruticetum. North end of Lake Bridge. South Gate. Near east end of Long Bridge. Depot Plaza. Near Power House I.

Natural distribution: Japan.

**Berberis Thunbergii var. Maximowiczii.** MAXIMOWICZ'S BARBERRY.

Location: Fruticetum.

**Berberis Thunbergii var. minor.** THUNBERG'S DWARF BARBERRY.

Location: Fruticetum.

**Berberis vulgaris.** COMMON BARBERRY.

Location: Fruticetum.

Natural distribution: Europe to eastern Asia.

**Berberis vulgaris var. atropurpurea.** PURPLE-LEAVED COMMON BARBERRY.

Location: Fruticetum.

**Berberis vulgaris var. macrocarpa.** LARGE-FRUITED COMMON BARBERRY.

Location: Fruticetum.

**Berberis vulgaris var. sulcata.** FURROWED COMMON BARBERRY.

Location: Fruticetum.

**Mahono-berberis.** BI-GENERIC HYBRID**Mahono-berberis Neuberti.** NEUBERT'S BARBERRY.

Location: Fruticetum.

## MAGNOLIACEAE. Magnolia Family

**Magnolia.** MAGNOLIA**Magnolia acuminata.** CUCUMBER TREE.

Location: Arboretum.

Natural distribution: Southeastern United States.

**Magnolia denudata.** YULAN MAGNOLIA.

Location: Arboretum.

Natural distribution: Central China.

**Magnolia Fraseri.** LONG-LEAVED UMBRELLA TREE.

Location: Arboretum.

Natural distribution: Southeastern United States.

**Magnolia Kobus.** Thurber's Magnolia.

Location: Arboretum. Fruticetum.

Natural distribution: Japan.

**Magnolia liliiflora.** LILY-FLOWERED MAGNOLIA.

Location: Fruticetum. Arboretum.

Natural distribution: China and Japan.

**Magnolia liliiflora** var. **nigra.** BLACK LILY-FLOWERED MAGNOLIA.

Location: Arboretum.

**Magnolia macrophylla.** LARGE-LEAVED UMBRELLA TREE.

Location: Herbaceous Grounds.

Natural distribution: Southeastern United States.

**Magnolia obovata.** WHITE-LEAVED JAPANESE MAGNOLIA.

Location: Arboretum.

Natural distribution: Japan.

**Magnolia Soulangeana.** SOULANGE'S MAGNOLIA.

Location: Arboretum. Fruticetum.

Hybrid.

**Magnolia Soulangeana** var. **alba superba.** SOULANGE'S WHITE MAGNOLIA.

Location: Arboretum.

**Magnolia Soulangeana** var. **Alexandrina.** ALEXANDRINE MAGNOLIA.

Location: Arboretum.

**Magnolia Soulangeana** var. **Lennei.** LENNE'S MAGNOLIA.

Location: Arboretum.

**Magnolia Soulangeana** var. **Norbertiana**. NORBERT'S MAGNOLIA.

Location: Arboretum.

**Magnolia Soulangeana** var. **Niemetzii**. COLUMNAR HYBRID MAGNOLIA.

Location: Arboretum.

**Magnolia Soulangeana** var. **rustica**. DARK PURPLE MAGNOLIA.

Location: Arboretum.

**Magnolia Soulangeana** var. **speciosa**. SOULANGE'S STRIPED MAGNOLIA.

Location: Arboretum.

**Magnolia stellata**. HALL'S MAGNOLIA.

Location: Fruticetum. Arboretum.

Natural distribution: Japan.

**Magnolia tripetala**. UMBRELLA TREE.

Location: Arboretum. Herbaceous Grounds.

Natural distribution: Southeastern United States.

**Magnolia virginiana** (*Magnolia glauca*). SWEET BAY.

Location: Arboretum. Fruticetum. Economic Garden.

Natural distribution: Southeastern United States.

**Magnolia Watsonii**. WATSON'S MAGNOLIA.

Location: Arboretum. Fruticetum.

Natural distribution: Japan.

### Liriodendron. TULIP TREE

**Liriodendron Tulipifera**. TULIP TREE.

Location: Arboretum. At 200th St. entrance. Near fountain, foot of Museum approach. Along driveways, Museum approach. Wild: common.

**Liriodendron Tulipifera** var. **fastigiata**. COLUMNAR TULIP TREE.

Location: Arboretum.

### CALYCANTHACEAE. Strawberry-shrub Family

#### Calycanthus. STRAWBERRY SHRUB

**Calycanthus floridus**. HAIRY STRAWBERRY SHRUB.

Location: Fruticetum.

Natural distribution: Southeastern United States.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN.

### **Calycanthus Mohrii.** MOHR'S STRAWBERRY SHRUB.

Location: Fruticetum.

Natural distribution: Southern Tennessee and northern Alabama.

### **Calycanthus nanus.** DWARF STRAWBERRY SHRUB.

Location: Fruticetum.

Natural distribution: Southeastern United States.

### **Calycanthus occidentalis.** WESTERN STRAWBERRY SHRUB.

Location: Fruticetum.

Natural distribution: California.

### **Meratia.** ORIENTAL SWEET SHRUB

#### **Meratia praecox** (*Chimonanthus fragrans*). ORIENTAL SWEET SHRUB.

Location: Fruticetum.

Natural distribution: China and Japan.

### ANONACEAE. Custard-apple Family

#### **Asimina.** PAPAW

##### **Asimina triloba.** NORTH AMERICAN PAPAW.

Location: Herbaceous Grounds.

Natural distribution: Eastern United States and Ontario.

### LAURACEAE. Laurel Family

#### **Sassafras.** SASSAFRAS

##### **Sassafras Sassafras.** SASSAFRAS.

Location: Wild: common. Ridge west of Herbaceous Grounds.

Along South Walk. North shore of west lake. North walk of Fruticetum.

#### **Benzoin.** SPICE-BUSH

##### **Benzoin aestivale.** SPICE-BUSH.

Location: Fruticetum. Wild: common in swampy or wet woods, and along streams and lakes.

## HYDRANGEACEAE. Hydrangea Family

**Philadelphus.** SYRINGA

**Philadelphus columbianus.** COLUMBIAN SYRINGA.

Location: Fruticetum.

Natural distribution: Northwestern North America.

**Philadelphus Conquete.** CONQUETE SYRINGA.

Location: Fruticetum. West border, north of Moshulu Park-way entrance.

Hybrid.

**Philadelphus coronarius.** MOCK ORANGE.

Location: Fruticetum.

Natural distribution: Caucasus, Armenia, and southeastern Europe.

**Philadelphus coronarius** var. *foliis aureis.* GOLDEN-LEAVED MOCK ORANGE.

Location: Fruticetum.

**Philadelphus coronarius** var. *nanus.* DWARF MOCK ORANGE.

Location: Fruticetum.

**Philadelphus Falconeri.** FALCONER'S SYRINGA.

Location: Fruticetum.

Natural distribution: Japan.

**Philadelphus gloriosus.** GEORGIA SYRINGA.

Location: Fruticetum.

Natural distribution: Georgia and Alabama.

**Philadelphus hirsutus.** HAIRY SYRINGA.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Philadelphus incanus.** GRAY SYRINGA.

Location: Fruticetum.

Natural distribution: China.

**Philadelphus inodorus.** SCENTLESS SYRINGA.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Philadelphus latifolius.** PUBESCENT SYRINGA.

Location: Fruticetum.

Natural distribution: Tennessee and Alabama.

**Philadelphus Lemoinei.** LEMOINE'S SYRINGA.

Location: Fruticetum.

Hybrid.

**Philadelphus Lemoinei var. Albatre.** ALABASTER SYRINGA.

Location: Fruticetum.

**Philadelphus Lemoinei var. Avalanche.** AVALANCHE SYRINGA.

Location: Fruticetum. West Border, north of Moshulu Parkway entrance.

**Philadelphus Lemoinei var. Banni  re.** BANNER SYRINGA.

Location: Fruticetum. West Border, with the above.

**Philadelphus Lemoinei var. Bouquet Blanc.** WHITE-BOUQUET SYRINGA.

Location: Fruticetum. West Border, with the above.

**Philadelphus Lemoinei var. Dame Blanche.** WHITE-LADY SYRINGA.

Location: Fruticetum. West Border, with the above.

**Philadelphus Lemoinei var. erectus.** LEMOINE'S ERECT SYRINGA.

Location: Fruticetum. West Border, with the above.

**Philadelphus Lemoinei var. Mer de Glace.** SEA-OF-ICE SYRINGA.

Location: Fruticetum.

**Philadelphus Lemoinei var. Norma.** NORMA SYRINGA.

Location: Fruticetum. West Border, north of Moshulu Parkway entrance.

**Philadelphus Lemoinei var. Virginal.** VIRGINAL SYRINGA.

Location: Fruticetum. West Border, with the above.

**Philadelphus Nu  e Blanche.** WHITE-CLOUD SYRINGA.

Location: Fruticetum. West Border, with the above.

Hybrid.

**Philadelphus Phantasia var. Sirene.** SIREN SYRINGA.

Location: Fruticetum.

Hybrid.

**Philadelphus Phantasia var. Surprise.** SURPRISE SYRINGA.

Location: Fruticetum.

**Philadelphus Rosace.** ROSE SYRINGA.

Location: Fruticetum. West Border, north of Moshulu Parkway entrance.

Hybrid.

**Philadelphus Satumanus.** JAPANESE SYRINGA.

Location: Fruticetum.

Natural distribution: China and Japan.

**Philadelphus Satumanus** var. **nikkoensis.** NIKKO SYRINGA.

Location: Fruticetum.

**Philadelphus sericanthus** var. **Rehderianus.** REHDER'S SYR-  
INGA.

Location: Fruticetum.

Natural distribution: China.

**Philadelphus speciosus.** SHOWY SYRINGA.

Location: Fruticetum.

Natural distribution: North Carolina and Georgia.

**Philadelphus tomentosus.** WOOLLY-LEAVED SYRINGA.

Location: Fruticetum.

Natural distribution: Himalayan Region.

**Philadelphus verrucosus** var. **pendulifolius.** DROOPING-LEAVED  
SYRINGA.

Location: Fruticetum.

Horticultural origin.

**Philadelphus Voie Lactée.** MILKY-WAY SYRINGA.

Location: Fruticetum. West Border, north of Moshulu  
Parkway entrance.

Hybrid.

**Deutzia.** DEUTZIA**Deutzia Candelabrum.** CANDELABRUM DEUTZIA.

Location: Fruticetum. West Border, with the above.

Hybrid.

**Deutzia Candelabrum** var. **erecta.** ERECT CANDELABRUM  
DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia Candelabrum** var. **fastuosa.** SUPERB CANDELABRUM  
DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia candida.** WHITE-FLOWERED HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above.

Hybrid.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

**Deutzia carnea.** FLESH-COLORED HYBRID DEUTZIA.

Location: Fruticetum. West Border, north of Mosholu Parkway entrance,  
Hybrid.

**Deutzia carnea** var. **densiflora.** DENSE-FLOWERED HYBRID  
DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia carnea** var. **lactea.** MILK-WHITE HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia elegantissima.** ELEGANT HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above.  
Hybrid.

**Deutzia elegantissima** var. **arcuata.** WAND HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia elegantissima** var. **fasciculata.** FASCICLED HYBRID  
DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia excellens.** CHOICE HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above.  
Hybrid.

**Deutzia Fleur de Pêche.** PEACH-BLOSSOM HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above.  
Hybrid.

**Deutzia gracilis.** SLENDER DEUTZIA.

Location: Fruticetum.

Natural distribution: Japan.

**Deutzia Lemoinei.** LEMOINE'S DEUTZIA.

Location: Fruticetum.  
Hybrid.

**Deutzia Lemoinei** var. **compacta.** LEMOINE'S DENSE DEUTZIA.

Location: Fruticetum.

**Deutzia Lemoinei** var. **compacta Avalanche.** AVALANCHE DEUTZIA.

Location: Fruticetum. West Border, north of Moshulu Parkway entrance.

**Deutzia longifolia.** LONG-LEAVED DEUTZIA.

Location: Fruticetum.

Natural distribution: Western China.

**Deutzia magnifica.** DOUBLE-FLOWERED TALL' DEUTZIA.

Location: Fruticetum. West Border, north of Moshulu Parkway entrance.

Hybrid.

**Deutzia magnifica** var. **eburnea.** TALL IVORY DEUTZIA.

Location: Fruticetum West Border, with the above.

**Deutzia magnifica** var. **erecta.** ERECT TALL DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia magnifica** var. **formosa.** LARGE-PANICLED TALL DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia magnifica** var. **latiflora.** LARGE-FLOWERED TALL DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia magnifica** var. **superba.** WHITE SINGLE-FLOWERED TALL DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia myriantha.** MANY-FLOWERED HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above.

Hybrid.

**Deutzia parviflora.** SMALL-FLOWERED DEUTZIA.

Location: Fruticetum.

Natural distribution: China.

**Deutzia rosea.** ROSY HYBRID DEUTZIA.

Location: Fruticetum. West Border, north of Moshulu Parkway entrance.

Hybrid.

**Deutzia rosea** var. **campanulata.** BELL-FLOWERED HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above

**Deutzia rosea** var. **carminea**. CARMINE HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia rosea** var. **eximia**. SELECT HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia rosea** var. **multiflora**. MANY-FLOWERED HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia rosea** var. **venusta**. GRACEFUL HYBRID DEUTZIA.

Location: Fruticetum. West Border, with the above.

**Deutzia scabra** var. **angustifolia**. NARROW-LEAVED ROUGH DEUTZIA.

Location: Fruticetum.

Natural distribution: China and Japan.

**Deutzia scabra** var. **candidissima**. SNOW-WHITE DOUBLE DEUTZIA.

Location: Fruticetum.

**Deutzia scabra** var. **Fortunei**. FORTUNE'S DEUTZIA.

Location: Fruticetum.

**Deutzia scabra** var. **plena**. DOUBLE DEUTZIA.

Location: Fruticetum.

**Deutzia scabra** var. **plena** **Pride of Rochester**. PRIDE OF ROCHESTER DEUTZIA.

Location: Fruticetum.

**Deutzia scabra** var. **Watereri**. WATERER'S DEUTZIA.

Location: Fruticetum.

**Deutzia Schneideriana** var. **laxiflora**. LOOSE-FLOWERED DEUTZIA.

Location: Fruticetum.

Natural distribution: Western China.

### **Hydrangea. HYDRANGEA**

**Hydrangea arborescens**. WILD HYDRANGEA.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Hydrangea arborescens** var. **cordata**. HEART-LEAVED WILD HYDRANGEA.

Location: Fruticetum.

**Hydrangea arborescens** var. **grandiflora**. LARGE-FLOWERED WILD HYDRANGEA.

Location: Fruticetum.

**Hydrangea Bretschneideri**. BRETSCHNEIDER'S HYDRANGEA.

Location: Fruticetum.

Natural distribution: Northern China.

**Hydrangea cinerea**. GRAY HYDRANGEA.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Hydrangea paniculata**. PANICLED HYDRANGEA.

Location: Fruticetum.

Natural distribution: China and Japan.

**Hydrangea paniculata** var. **floribunda**. MANY-FLOWERED PANICLED HYDRANGEA.

Location: Fruticetum.

**Hydrangea paniculata** var. **grandiflora**. LAWN HYDRANGEA.

Location: Fruticetum. Along path, near 200th Street entrance.

**Hydrangea paniculata** var. **minor**. SMALL-PANICLED HYDRANGEA.

Location: Fruticetum.

**Hydrangea quercifolia**. OAK-LEAVED HYDRANGEA.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Hydrangea radiata**. SILVERY-LEAVED HYDRANGEA.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Hydrangea xanthoneura**. YELLOW-VEINED HYDRANGEA.

Location: Fruticetum.

Natural distribution: Western China.

## ITEACEAE. Virginia Willow Family

### Itea. VIRGINIA WILLOW

**Itea virginica**. VIRGINIA WILLOW.

Location: Fruticetum.

Natural distribution: Southeastern United States.

## GROSSULARIACEAE Gooseberry Family

### **Grossularia.** GOOSEBERRY

**Grossularia curvata.** SOUTHERN GOOSEBERRY.

Location: Fruticetum. West end of Long bridge.

Natural distribution: Georgia and Alabama.

**Grossularia Cynosbati.** WILD GOOSEBERRY.

Location: Fruticetum.

Natural distribution: Eastern North America.

**Grossularia divaricata** var. *pubiflora*. HAIRY WESTERN GOOSEBERRY.

Location: Fruticetum.

Natural distribution: Western North America.

**Grossularia hirtella.** LOW WILD GOOSEBERRY.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Grossularia pinetorum.** PINELAND GOOSEBERRY.

Location: Fruticetum.

Natural distribution: New Mexico and Arizona.

**Grossularia rotundifolia.** EASTERN WILD GOOSEBERRY.

Location: Fruticetum.

Natural distribution: Eastern United States.

### **Ribes.** Currant

**Ribes alpinum.** MOUNTAIN Currant.

Location: Fruticetum.

Natural distribution: Europe.

**Ribes americanum.** WILD BLACK Currant.

Location: Fruticetum.

Natural distribution: Northern North America.

**Ribes aureum.** WESTERN GOLDEN Currant.

Location: Fruticetum.

Natural distribution: Western North America.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### **Ribes cereum.** WESTERN Currant.

Location: Fruticetum.

Natural distribution: Western North America.

### **Ribes diacantha.** SIBERIAN Currant.

Location: Fruticetum.

Natural distribution: Northern Asia.

### **Ribes fasciculatum.** BUNCH-FLOWERED JAPANESE Currant.

Location: Fruticetum.

Natural distribution: Japan.

### **Ribes fasciculatum** var. **chinense.** BUNCH-FLOWERED CHINESE Currant.

Location: Fruticetum.

Natural distribution: Northern China.

### **Ribes glandulosum.** FETID Currant.

Location: Fruticetum.

Natural distribution: Northern North America.

### **Ribes Gordonianum.** GORDON'S Currant.

Location: Fruticetum.

Hybrid.

### **Ribes nigrum.** EUROPEAN BLACK Currant.

Location: Fruticetum.

Natural distribution: Europe and northern Asia.

### **Ribes odoratum.** GOLDEN Currant.

Location: Fruticetum. Opposite approach to Elevated Rail-way.

Natural distribution: South Dakota to Texas.

### **Ribes orientale.** ORIENTAL Currant.

Location: Fruticetum.

Natural distribution: Southeastern Europe and western Asia.

### **Ribes sanguineum.** RED-FLOWERED WESTERN Currant.

Location: Fruticetum.

Natural distribution: Northwestern North America.

**Ribes sanguineum** var. *albescens*. WHITE-FLOWERED WESTERN Currant.

Location: Fruticetum.

HAMAMELIDACEAE. Witch-hazel Family

**Liquidambar.** SWEET GUM

**Liquidambar Styraciflua.** SWEET GUM.

Location: Wild: common. A fine group of trees south of the Museum. Along north path, north shore of west lake. Along path from Fountain Enclosure to 200th St. entrance.

**Parrotia.** IRONWOOD

**Parrotia persica.** PERSIAN IRONWOOD.

Location: Fruticetum.

Natural distribution: Northern Persia.

**Corylopsis.** CORYLOPSIS

**Corylopsis spicata.** COMMON CORYLOPSIS.

Location: Fruticetum.

Natural distribution: Japan.

**Fothergilla.** FOTHERGILLA

**Fothergilla Gardeni.** WITCH ALDER.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Fothergilla major.** LARGER WITCH ALDER.

Location: Fruticetum.

Natural distribution: North Carolina to Alabama.

**Hamamelis.** WITCH HAZEL

**Hamamelis japonica.** JAPANESE WITCH HAZEL.

Location: Fruticetum.

Natural distribution: Japan.

**Hamamelis mollis.** CHINESE WITCH HAZEL.

Location: Fruticetum.

Natural distribution: China.

**Hamamelis virginiana.** WITCH HAZEL:

Location: Fruticetum. Wild: common.

Natural distribution: Eastern North America.

## PLATANACEAE. Plane-tree Family

**Platanus.** PLANE-TREE**Platanus acerifolia.** LONDON PLANE.

Location: Arboretum. Near Station Plaza.

Hybrid.

**Platanus occidentalis.** BUTTON-WOOD.

Location: Arboretum. Near Station Plaza. Drinking Fountain east of Museum. Along west path, Herbaceous Grounds. Wild: common.

## ROSACEAE. Rose Family

**Opulaster.** NINEBARK**Opulaster intermedius.** PRAIRIE NINEBARK.

Location: Fruticetum.

Natural distribution: Central United States.

**Opulaster opulifolius.** EASTERN NINEBARK.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Opulaster opulifolius** var. *luteus*. GOLDEN EASTERN NINEBARK.

Location: Fruticetum. At approach to Elevated Railway.

**Opulaster opulifolius** var. *tomentellus*. HAIRY EASTERN NINE-BARK.

Location: Fruticetum.

**Neillia.** NEILLIA**Neillia sinensis.** CHINESE NEILLIA.

Location: Fruticetum.

Natural distribution: China.

**Stephanandra.** STEPHANANDRA**Stephanandra incisa** (*Stephanandra flexuosa*). COMMON STEPHANANDRA.

Location: Fruticetum.

Natural distribution: Japan and southern Corea.

**Stephanandra Tanakae.** LARGE-LEAVED STEPHANANDRA.

Location: Fruticetum.

Natural distribution: Japan.

**Spiraea. SPIRAEA**

**Spiraea alba.** HAIRY MEADOW-SWEET.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Spiraea albiflora.** JAPANESE WHITE SPIRAEA.

Location: Fruticetum. Shrub group west of Museum.

Natural distribution: Japan.

**Spiraea alpina.** MOUNTAIN SPIRAEA.

Location: Fruticetum.

Natural distribution: Northeastern Asia.

**Spiraea arguta.** ZABEL'S SPIRAEA.

Location: Fruticetum. Shrub group near 200th St. entrance.

Hybrid.

**Spiraea Billiardii.** BILLIARD'S SPIRAEA.

Location: Fruticetum.

Hybrid.

**Spiraea Billiardii var. alba.** BILLIARD'S WHITE SPIRAEA.

Location: Fruticetum.

**Spiraea blanda.** SWEET SPIRAEA.

Location: Fruticetum.

Hybrid.

**Spiraea brachybotrys.** SHORT-CLUSTERED SPIRAEA.

Location: Fruticetum.

Hybrid.

**Spiraea Bumalda.** BUMALDA SPIRAEA.

Location: Fruticetum.

Hybrid.

**Spiraea Bumalda var. Anthony Waterer.** ANTHONY WATERER SPIRAEA.

Location: Fruticetum.

Hybrid.

**Spiraea canescens.** CUNEATE SPIRAEA.

Location: Fruticetum.

Natural distribution: Asia.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

**Spiraea cantoniensis.** REEVES' SPIRAEA.

Location: Fruticetum.

Natural distribution: China and Japan.

**Spiraea cantoniensis** var. *lanceata*. REEVES' DOUBLE-FLOWERED SPIRAEA.

Location: Fruticetum. Shrub group near power house 1.

**Spiraea chamaedryfolia.** CHAMAEDRYS SPIRAEA.

Location: Fruticetum.

Natural distribution: Southeastern Europe to Japan.

**Spiraea Douglasii.** DOUGLAS' SPIRAEA.

Location: Fruticetum.

Natural distribution: Northwestern North America.

**Spiraea Henryi.** HENRY'S SPIRAEA.

Location: Fruticetum.

Natural distribution: Central and western China.

**Spiraea Henryi** var. *notabilis*. HENRY'S LARGE-FLOWERED SPIRAEA.

Location: Fruticetum.

**Spiraea hypericifolia** var. *chovata*. OBOVATE SPIRAEA.

Location: Fruticetum.

Natural distribution: Southeastern Europe.

**Spiraea japonica.** JAPANESE SPIRAEA.

Location: Fruticetum.

Natural distribution: Japan and China.

**Spiraea japonica** var. *atrosanguinea*. DARK-FLOWERED JAPANESE SPIRAEA.

Location: Fruticetum.

**Spiraea japonica** var. *Fortunei*. FORTUNE'S SPIRAEA.

Location: Fruticetum.

Natural distribution: China.

**Spiraea japonica** var. *ovalifolia*. OVAL-LEAVED CHINESE SPIRAEA.

Location: Fruticetum.

Natural distribution: Western China.

**Spiraea latifolia.** BROAD-LEAVED MEADOW-SWEET.

Location: Fruticetum.

Natural distribution: Northern North America.

**Spiraea Lenneana.** LENNE'S SPIRAEA.

Location: Fruticetum.

Hybrid.

**Spiraea lucida.** SHINING SPIRAEA.

Location: Fruticetum.

Natural distribution: Northwestern North America.

**Spiraea macrothyrsa.** LARGE-CLUSTERED SPIRAEA.

Location: Fruticetum.

Hybrid.

**Spiraea Margaritae.** MARGARITE'S SPIRAEA.

Location: Fruticetum.

Hybrid.

**Spiraea Menziesii.** MENZIES' SPIRAEA.

Location: Fruticetum.

Natural distribution: Alaska to Oregon.

**Spiraea Miyabei** var. *glabrata*. MIYABE'S GLABROUS SPIRAEA.

Location: Fruticetum.

Natural distribution: Central China.

**Spiraea nipponica.** BRACTED SPIRAEA.

Location: Fruticetum.

Natural distribution: Japan.

**Spiraea pikowiensis.** POLISH SPIRAEA.

Location: Fruticetum.

Natural distribution: Poland.

**Spiraea prunifolia** var. *plena*. BRIDAL-WREATH SPIRAEA.

Location: Fruticetum. Shrub group west of Museum.

Natural distribution: China and Japan.

**Spiraea salicifolia.** QUAKER LADY.

Location: Fruticetum.

Natural distribution: Eastern Europe to Japan.

**Spiraea Sanssouciana.** SANSOUCI SPIRAEA.

Location: Fruticetum.

Hybrid.

**Spiraea Thunbergii.** THUNBERG'S SPIRAEA.

Location: Fruticetum. Shrub group west of Museum. Shrub group near 200th Street entrance.

Natural distribution: Japan.

**Spiraea tomentosa.** STEEPLE-BUSH.

Location: Fruticetum.

Natural distribution: Eastern North America.

**Spiraea tomentosa** var. *alba*. WHITE STEEPLE-BUSH.

Location: Fruticetum.

**Spiraea trilobata.** THREE-LOBED SPIRAEA.

Location: Fruticetum.

Natural distribution: Northern China to Siberia.

**Spiraea Van Houttei.** VAN HOUTTE'S SPIRAEA.

Location: Fruticetum. Shrub group west of Museum.

Hybrid.

**Spiraea Veitchii.** VEITCH'S SPIRAEA.

Location: Fruticetum.

Natural distribution: Central China.

**Spiraea Wilsonii.** WILSON'S SPIRAEA.

Location: Fruticetum.

Natural distribution: Central and western China.

**Sibiraea.** SIBIRAEA**Sibiraea laevigata.** SIBIRAEA.

Location: Fruticetum.

Natural distribution: Siberia.

**Schizonotus.** MOUNTAIN-ASH SPIRAEA**Schizonotus arboreus** var. *glabratus*. GLABROUS LARGE MOUNTAIN-ASH SPIRAEA.

Location: Fruticetum.

Natural distribution: Central and western China.

**Schizonotus Lindleyanus.** LINDLEY'S MOUNTAIN-ASH SPIRAEA.

Location: Fruticetum.

Natural distribution: Himalayan region and China.

**Schizonotus sorbifolius.** COMMON MOUNTAIN-ASH SPIRAEA.

Location: Fruticetum.

Natural distribution: Northern Asia.

**Schizonotus stellipilus.** STAR-HAIRED MOUNTAIN-ASH SPIRAEA.

Location: Fruticetum.

Natural distribution: Northeastern Asia.

#### **Exochorda. PEARL-BUSH**

**Exochorda Giralda** var. *Wilsonii.* WILSON'S PEARL-BUSH.

Location: Fruticetum.

Natural distribution: Central China.

**Exochorda Koralkowi.** TURKESTAN PEARL-BUSH.

Location: Fruticetum.

Natural distribution: Turkestan.

**Exochorda racemosa** (*Exochorda grandiflora*). CHINESE PEARL-BUSH.

Location: Fruticetum. Shrub group at approach to Elevated Railway.

Natural distribution: China.

#### **Rhodotypos. WHITE JAPANESE ROSE**

**Rhodotypos kerrioides.** WHITE JAPANESE ROSE.

Location: Fruticetum. Shrub group west of Museum.

Natural distribution: Japan.

#### **Kerria. JAPANESE ROSE**

**Kerria japonica.** JAPANESE ROSE.

Location: Fruticetum.

Natural distribution: Japan.

**Kerria japonica** var. *flore-pleno.* DOUBLE-FLOWERED JAPANESE ROSE.

Location: Fruticetum.

#### **Neviusia. SNOW WREATH**

**Neviusia alabamensis.** SNOW WREATH.

Location: Fruticetum.

Natural distribution: Alabama.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### **Rubus.** BLACKBERRY

#### **Rubus argutus.** TALL BLACKBERRY.

Location: Fruticetum.

Natural distribution: Eastern United States.

#### **Rubus canadensis.** CANADIAN BLACKBERRY.

Location: Fruticetum.

Natural distribution: Northeastern North America.

#### **Rubus crataegifolius.** THORN-LEAVED BLACKBERRY.

Location: Fruticetum.

Natural distribution: Japan.

#### **Rubus fruticosus.** EUROPEAN BLACKBERRY.

Location: Fruticetum.

Natural distribution: Europe.

#### **Rubus laciniatus.** CUT-LEAVED EUROPEAN BLACKBERRY.

Location: Fruticetum.

Natural distribution: Europe.

#### **Rubus Linkianus:** LINK'S BLACKBERRY.

Location: Fruticetum.

Horticultural origin.

#### **Rubus nigricans.** BRISTLY BLACKBERRY.

Location: Fruticetum.

Natural distribution: Northeastern United States and Quebec.

#### **Rubus occidentalis:** BLACK RASPBERRY.

Location: Fruticetum.

Natural distribution: Eastern North America.

#### **Rubus permixtus.** CONFUSED BLACKBERRY.

Location: Fruticetum.

Hybrid.

#### **Rubus phoenicolasmus.** WINEBERRY.

Location: Fruticetum.

Natural distribution: China and Japan.

**Rubus recurvans.** RECURVED BLACKBERRY.

Location: Fruticetum.

Natural distribution: New England.

**Rubus rosaefolius.** STRAWBERRY-RASPBERRY.

Location: Fruticetum.

Natural distribution: Himalayan Region to Japan.

**Rubus spectabilis.** SALMONBERRY.

Location: Fruticetum.

Natural distribution: Alaska to California.

**Rubus strigosus.** RED RASPBERRY.

Location: Fruticetum.

Natural distribution: Northern North America.

**Rubus triphyllus.** SMALL-LEAVED RASPBERRY.

Location: Fruticetum.

Natural distribution: China and Japan.

**Rubacer.** THIMBLE-BERRY**Rubacer odoratum.** THIMBLE-BERRY.

Location: Fruticetum.

Natural distribution: Eastern North America.

**Oreobatus.** ROCKY MOUNTAIN RASPBERRY**Oreobatus deliciosus.** ROCKY MOUNTAIN RASPBERRY.

Location: Fruticetum.

Natural distribution: Rocky Mountains.

**Rosa.** ROSE**Rosa acicularis.** PRICKLY ROSE.

Location: Fruticetum.

Natural distribution: North temperate regions.

**Rosa arvensis** AYRSHIRE ROSE.

Location: Fruticetum.

Natural distribution: Europe.

**Rosa Beggeriana.** BEGGER'S ROSE.

Location: Fruticetum.

Natural distribution: Temperate Asia.

**Rosa canina.** DOG ROSE.

Location: Fruticetum.

Natural distribution: Europe.

**Rosa carolina.** PASTURE ROSE.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Rosa Copelandi.** COPELAND'S ROSE.

Location: Fruticetum.

Natural distribution: California.

**Rosa ferruginea.** RED-LEAVED ROSE.

Location: Fruticetum.

Natural distribution: Europe.

**Rosa hispida.** HISPID ROSE.

Location: Fruticetum.

Natural distribution: Europe and western Asia.

**Rosa Jundzilli.** GLANDULAR DOG ROSE.

Location: Fruticetum.

Natural distribution: Europe and Asia Minor.

**Rosa lutea** var. **Harrisonii.** HARRISON'S YELLOW ROSE.

Location: Fruticetum.

Horticultural origin.

**Rosa Lyoni** var. **alba.** LYON'S WHITE ROSE.

Location: Fruticetum.

Natural distribution: Eastern North America.

**Rosa multibracteata.** MANY-BRACATED ROSE.

Location: Fruticetum.

Natural distribution: Western China.

**Rosa multiflora.** MANY-FLOWERED ROSE.

Location: Fruticetum. On rocks in Herbaceous grounds.

Along path southeast of Museum.

Natural distribution: China and Japan.

**Rosa multiflora** var. **flore-plena.** DOUBLE MANY-FLOWERED ROSE.

Location: Fruticetum.

**Rosa nitida.** NORTHEASTERN ROSE.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Rosa nutkana.** NOOTKA ROSE.

Location: Fruticetum.

Natural distribution: Northwestern North America.

**Rosa palustris.** SWAMP ROSE.

Location: Fruticetum.

Natural distribution: Eastern North America.

**Rosa Petersiana.** PETERS' ROSE.

Location: Fruticetum.

Natural distribution: California.

**Rosa pimpinellifolia.** ALTAI ROSE.

Location: Fruticetum.

Natural distribution: Region of Altai Mountains.

**Rosa rubiginosa.** SWEETBRIER.

Location: Fruticetum.

Natural distribution: Europe.

**Rosa rugosa.** RAMANAS ROSE.

Location: Fruticetum.

Natural distribution: Japan.

**Rosa rugosa** var. *alba*. WHITE RAMANAS ROSE.

Location: Fruticetum.

**Rosa Solanderi.** MEADOW ROSE.

Location: Fruticetum.

Natural distribution: Eastern North America.

**Rosa stylosa.** LONG-STYLED ROSE.

Location: Fruticetum.

Natural distribution: Europe.

**Rosa villosa.** VILLOUS ROSE.

Location: Fruticetum.

Natural distribution: Europe and western Asia.

**Rosa virginiana.** SHINING ROSE.

Location: Fruticetum.

Natural distribution: Eastern North America.

**Rosa Watsoniana.** WATSON'S ROSE.

Location: Fruticetum.

Natural distribution: Japan.

**Rosa Wichuraiana.** MEMORIAL ROSE.

Location: On rocks at west ridge of Herbaceous Grounds.

Natural distribution: Japan.

**Rosa Woodsii.** WOODS' ROSE.

Location: Fruticetum.

Natural distribution: Western North America.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### MALACEAE. Apple Family

#### **Cotoneaster.** COTONEASTER

**Cotoneaster foveolata.** SCARLET COTONEASTER.

Location: Fruticetum.

Natural distribution: Central China.

**Cotoneaster multiflora.** MANY-FLOWERED COTONEASTER.

Location: Fruticetum.

Natural distribution: Spain to Himalayan Region.

**Cotoneaster rotundifolia.** ROUND-LEAVED COTONEASTER.

Location: Fruticetum.

Natural distribution: Himalayan Region.

**Cotoneaster Simonsii.** SIMONS' ROSE-BOX.

Location: Fruticetum.

Natural distribution: Himalayan Region.

#### **Chenomeles.** JAPAN QUINCE

**Chenomeles japonica.** JAPAN QUINCE.

Location: Fruticetum.

Natural distribution: China and Japan.

**Chenomeles Maulei.** MAULE'S JAPAN QUINCE.

Location: Fruticetum.

Natural distribution: Japan.

**Chenomeles Maulei** var. *alpina*. MAULE'S LOW JAPAN QUINCE.

Location: Fruticetum.

**Chenomeles sinensis.** CHINESE QUINCE.

Location: Fruticetum.

Natural distribution: China.

#### **Pyrus.** PEAR

**Pyrus betulaefolia.** BIRCH-LEAVED PEAR.

Location: Arboretum.

Natural distribution: China.

**Pyrus communis.** PEAR.

Location: Arboretum.

Natural distribution: Southern Europe and Asia.

**Pyrus sp.**

Location: Arboretum. Has not flowered as yet.

**Malus.** APPLE**Malus atrosanguinea.** CARMINE APPLE.

Location: Fruticetum.

Horticultural origin.

**Malus baccata.** SIBERIAN CRAB APPLE.

Location: Arboretum.

Natural distribution: Siberia to Manchuria and northern China.

**Malus coronaria.** NARROW-LEAVED CRAB APPLE.

Location: Arboretum.

Natural distribution: Eastern United States.

**Malus Dawsoniana.** DAWSON'S APPLE.

Location: Arboretum.

Hybrid.

**Malus denticulata.** TOOTHED APPLE.

Location: Arboretum.

Horticultural origin.

**Malus denticulata** var. **plena.** DOUBLE-FLOWERED TOOTHED APPLE.

Location: Arboretum.

**Malus glaucescens.** AMERICAN CRAB APPLE.

Location: Arboretum.

Natural distribution: Eastern United States.

**Malus Halliana.** HALL'S CRAB APPLE.

Location: Fruticetum.

Natural distribution: Western China.

**Malus ioensis** var. **Bechteli.** BECHTEL'S CRAB APPLE.

Location: Arboretum.

Horticultural origin.

**Malus Kaido.** KAIDO APPLE.

Location: Arboretum.

Natural distribution: Asia.

**Malus Niedzwetzkyana.** NIEDZWETZKY'S APPLE.

Location: Arboretum.

Natural distribution: Southwestern Siberia and Caucasus.

**Malus prunifolia.** CHERRY-LEAVED CRAB APPLE.

Location: Arboretum.

Natural distribution: Siberia.

**Malus pulcherrima** var. **Arnoldiana.** ARNOLD ARBORETUM APPLE.

Location: Arboretum.

Horticultural origin.

**Malus pulcherrima** var. **Scheideckerii.** SCHEIDECKER'S APPLE.

Location: Arboretum.

Horticultural origin.

**Malus Sargentii.** SARGENT'S APPLE.

Location: Arboretum.

Natural distribution: Japan.

**Malus Sieboldii** var. **arborescens.** TREE TORINGO CRAB APPLE.

Location: Arboretum.

Natural distribution: Japan.

**Malus Sieboldii** var. **calocarpa.** LARGE-FRUITED TORINGO CRAB APPLE.

Location: Arboretum.

**Malus sikkimensis.** HIMALAYAN APPLE.

Location: Arboretum.

Natural distribution: Himalayan Region.

**Malus Soulardi.** SOULARD'S CRAB APPLE.

Location: Arboretum.

Hybrid.

**Malus spectabilis.** CHINESE FLOWERING APPLE.

Location: Arboretum.

Natural distribution: China and Japan.

**Malus spectabilis** var. **Riversii.** DOUBLE-CHINESE FLOWERING APPLE.

Location: Arboretum.

Horticultural origin.

**Malus transcendens.** GARDEN CRAB APPLE.

Location: Arboretum.

Horticultural origin.

**Malus yunnanensis.** YUNNAN APPLE.

Location: Arboretum.

Natural distribution: China.

**Malus Zumi.** ZUMI APPLE.

Location: Arboretum.

Natural distribution: Central Japan.

**Sorbus.** MOUNTAIN ASH**Sorbus americana.** AMERICAN MOUNTAIN ASH.

Location: Arboretum.

Natural distribution: Northeastern North America.

**Sorbus Aucuparia.** EUROPEAN MOUNTAIN ASH.

Location: Arboretum.

Natural distribution: Europe and Asia.

**Sorbus Aucuparia** var. **pendula.** WEEPING EUROPEAN MOUNTAIN ASH.

Location: Arboretum.

Location: Arboretum.

**Aria.** BEAM TREE**Aria Aria.** COMMON BEAM TREE.

Location: Arboretum.

Natural distribution: Europe and northern Asia.

**Aria latifolia.** BROAD-LEAVED BEAM TREE.

Location: Arboretum.

Natural distribution: Europe.

**Aronia.** CHOKE-BERRY**Aronia arbutifolia.** RED CHOKE-BERRY.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Aronia atropurpurea.** PURPLE-FRUITED CHOKE-BERRY.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Aronia melanocarpa.** BLACK CHOKE-BERRY.

Location: Fruticetum. East end of Aquatic Garden.

Natural distribution: Eastern North America.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

*Continued)*

### **Pourthiaeae.** POURTHIAEA

**Pourthiaeae villosa.** JAPANESE POURTHIAEA.

Location: Fruticetum.

Natural distribution: Japan and China.

### **Amelanchier.** SERVICE-BERRY

**Amelanchier asiatica.** JAPANESE SERVICE-BERRY.

Location: Fruticetum.

Natural distribution: Japan and Corea.

**Amelanchier canadensis.** JUNE-BERRY.

Location: Fruticetum.

Natural distribution: Eastern North America.

**Amelanchier intermedia.** SHAD-BUSH.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Amelanchier sanguinea.** ROUND-LEAVED JUNE-BERRY.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Amelanchier spicata.** LOW JUNE-BERRY.

Location: Fruticetum.

Natural distribution: Northeastern United States.

### **Crataegus.** THORN

Some of the species have not produced flowers: such have been listed by the names under which they were received.

**Crataegus acclivis.** HILLSIDE THORN.

Location: Fruticetum.

Natural distribution: New York.

**Crataegus albicans.** TATNALL'S THORN.

Location: Fruticetum.

Natural distribution: Northeastern United States.

**Crataegus alnorum.** EDSON'S THORN.

Location: Fruticetum.

Natural distribution: Northeastern United States.

**Crataegus aprica.** SUN THORN.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Crataegus Arnoldiana.** ARNOLD'S THORN.

Location: Fruticetum. Arboretum.

Natural distribution: Eastern Massachusetts and Connecticut.

**Crataegus aspera.** ROUGH-LEAVED THORN.

Location: Fruticetum.

Natural distribution: Missouri.

**Crataegus barbara.** SLAVIN'S THORN.

Location: Fruticetum.

Natural distribution: New York.

**Crataegus Barryana.** BARRY'S THORN.

Location: Fruticetum.

Natural distribution: New York.

**Crataegus Bartramiana.** BARTRAM'S THORN.

Location: Arboretum.

Natural distribution: Eastern Pennsylvania.

**Crataegus Baxteri.** BAXTER'S THORN.

Location: Fruticetum.

Natural distribution: New York.

**Crataegus Boyntonii.** BOYNTON'S THORN.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Crataegus Brainerdi.** BRAINERD'S THORN.

Location: Fruticetum.

Natural distribution: Northeastern United States.

**Crataegus Brainerdi** var. **Egglestoni.** EGGLESTON'S THORN.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Crataegus Brittonii.** BRITTON'S THORN.

Location: Fruticetum.

Natural distribution: Southern Alleghenies.

**Crataegus calpodendron.** PEAR THORN.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Crataegus champlainensis.** LAKE CHAMPLAIN THORN.

Location: Fruticetum.

Natural distribution: Region of St. Lawrence.

**Crataegus chrysocarpa.** ROUND-LEAVED THORN.

Location: Fruticetum.

Natural distribution: Northern North America.

**Crataegus coccinea.** SCARLET THORN.

Location: Fruticetum. Arboretum.

Natural distribution: Northeastern United States and Ontario.

**Crataegus coccinioides.** EGGERT'S THORN.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Crataegus collina.** CHAPMAN'S HILL THORN.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Crataegus comans.** ADORNED THORN.

Location: Fruticetum.

Natural distribution: New York.

**Crataegus contigua.** STRAIGHT-BRANCHED THORN.

Location: Fruticetum.

Natural distribution: Vermont.

**Crataegus Crus-galli.** COCKSPUR THORN.

Location: Fruticetum. Arboretum.

Natural distribution: Eastern United States.

**Crataegus cuneiformis.** MARSHALL'S THORN.

Location: Arboretum.

Natural distribution: East central United States.

**Crataegus denaria.** PALMER'S THORN.

Location: Fruticetum.

Natural distribution: South central United States.

**Crataegus disjuncta.** MISSOURI THORN.

Location: Arboretum.

Natural distribution: South central United States.

**Crataegus dispessa.** BUSH'S THORN.

Location: Arboretum.

Natural distribution: Missouri.

**Crataegus Dunbari.** DUNBAR'S THORN.

Location: Fruticetum.

Natural distribution: New York.

**Crataegus durobrivensis.** ROCHESTER THORN.

Location: Fruticetum.

Natural distribution: New York.

**Crataegus exigua.** CONNECTICUT THORN.

Location: Arboretum.

Natural distribution: Connecticut.

**Crataegus ferox.** VICIOUS THORN.

Location: Fruticetum.

Natural distribution: Missouri.

**Crataegus ferentaria.** SOLDIER'S THORN.

Location: Fruticetum.

Natural distribution: New York.

**Crataegus formosa.** BEAUTIFUL THORN.

Location: Fruticetum.

Natural distribution: New York.

**Crataegus globosa.** GLOBE-FRUITED THORN.

Location: Fruticetum.

Natural distribution: Missouri and Kansas.

**Crataegus gloria.** GLORIOUS THORN.

Location: Fruticetum.

Natural distribution: New York.

**Crataegus gravis.** FRUITFUL THORN.

Location: Fruticetum.

Natural distribution: Michigan.

**Crataegus Harbisoni.** HARBISON'S THORN.

Location: Fruticetum.

Natural distribution: Tennessee.

**Crataegus insolens.** AGGRESSIVE THORN.

Location: Fruticetum.

Natural distribution: Vermont.

**Crataegus insueta.** STRANGE THORN.

Location: Fruticetum.

Natural distribution: Pennsylvania.

**Crataegus intricata.** LANGE'S THORN.

Location: Fruticetum.

Natural distribution: Northeastern United States.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### ***Crataegus irrasa.* BLANCHARD'S THORN.**

Location: Fruticetum.

Natural distribution: Vermont, New York and Quebec.

### ***Crataegus Jesupi.* JESUP'S THORN.**

Location: Fruticetum.

Natural distribution: Northeastern United States.

### ***Crataegus Laneyi.* LANEY'S THORN.**

Location: Fruticetum.

Natural distribution: New York.

### ***Crataegus laurentiana.* FERNALD'S THORN.**

Location: Fruticetum.

Natural distribution: Northeastern North America.

### ***Crataegus leiophylla.* MAINE'S THORN.**

Location: Fruticetum.

Natural distribution: New York and Pennsylvania.

### ***Crataegus lemingtonensis.* LEMINGTON THORN.**

Location: Fruticetum.

Natural distribution: Vermont and New Hampshire.

### ***Crataegus Lennoniana.* LENNON'S THORN.**

Location: Fruticetum.

Natural distribution: New York.

### ***Crataegus littoralis.* SEASIDE THORN.**

Location: Fruticetum.

Natural distribution: Connecticut.

### ***Crataegus Macauleyae.* MISS MACAULEY'S THORN.**

Location: Fruticetum.

Natural distribution: New York.

### ***Crataegus macracantha* var. *rhombifolia.* SMALL-FRUITED LONG-SPINED THORN.**

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Crataegus macrosperma.** VARIABLE THORN.

Location: Fruticetum.

Natural distribution: Northeastern United States and Nova Scotia.

**Crataegus macrosperma** var. *matura*. SHARP-LOBED VARIABLE THORN.

Location: Fruticetum.

**Crataegus macrosperma** var. *pastorum*. PASTURE VARIABLE THORN.

Location: Fruticetum.

Natural distribution: Western New England and New York.

**Crataegus macrosperma** var. *pentandra*. FIVE-STAMINED VARIABLE THORN.

Location: Fruticetum.

Natural distribution: Vermont to Virginia.

**Crataegus Marshallii.** PARSLEY HAW.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Crataegus missouriensis.** MISSOURI THORN.

Location: Fruticetum.

Natural distribution: Missouri.

**Crataegus mollis.** DOWNY THORN.

Location: Arboretum.

Natural distribution: Northeastern North America.

**Crataegus monogyna.** HAW.

Location: Fruticetum. Arboretum.

Natural distribution: Europe and temperate Asia.

**Crataegus monogyna** var. *albo-plena*. WHITE DOUBLE-FLOWERED HAW.

Location: Arboretum.

Horticultural origin.

**Crataegus monogyna** var. *rubro-plena*. RED DOUBLE-FLOWERED HAW.

Location: Arboretum.

Horticultural origin.

**Crataegus Oakesiana.** OAKES' THORN.

Location: Fruticetum.

Natural distribution: Vermont.

**Crataegus Paddockae.** PADDOCK'S THORN.

Location: Fruticetum.

Natural distribution: Vermont.

**Crataegus Painteriana.** PAINTER'S THORN.

Location: Arboretum.

Natural distribution: Pennsylvania.

**Crataegus pascens.** DODGE'S THORN.

Location: Fruticetum.

Natural distribution: Michigan and Wisconsin.

**Crataegus pequotorum.** PEQUOT THORN.

Location: Fruticetum.

Natural distribution: Connecticut.

**Crataegus persimilis.** HYBRID THORN.

Location: Fruticetum.

Natural distribution: New York.

**Crataegus phaenopyrum.** WASHINGTON THORN.

Location: Fruticetum. Arboretum.

Natural distribution: Southeastern United States.

**Crataegus Pringlei.** PRINGLE'S THORN.

Location: Fruticetum.

Natural distribution: Northeastern United States.

**Crataegus pruinosa.** WAXY-FRUITED THORN.

Location: Fruticetum.

Natural distribution: Northeastern United States.

**Crataegus punctata.** DOTTED HAW.

Location: Fruticetum. Arboretum.

Natural distribution: Northeastern United States and Quebec.

**Crataegus punctata** var. *aurea*. YELLOW-FRUITED DOTTED HAW.

Location: Fruticetum.

**Crataegus Reverchoni.** REVERCHON'S THORN.

Location: Fruticetum.

Natural distribution: Missouri and Texas.

**Crataegus rivularis.** NARROW-LEAF HAW.

Location: Fruticetum.

Natural distribution: Great Basin Region.

**Crataegus rufa.** RED THORN.

Location: Fruticetum.

Natural distribution: Missouri.

**Crataegus rugosa.** FRETZ'S THORN.

Location: Fruticetum. Arboretum.

Natural distribution: Eastern United States.

**Crataegus sanguinea** var. *villosa*. WOOLY SIBERIAN THORN.

Location: Fruticetum.

Natural distribution: Russia.

**Crataegus spathulata.** SMALL-FRUITED HAW.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Crataegus straminea.** ALLEGHANY THORN.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Crataegus succulenta.** LONG-SPINED THORN.

Location: Fruticetum.

Natural distribution: Northeastern United States and Nova Scotia.

**Crataegus succulenta** var. *occidentalis*. COLORADO THORN.

Location: Fruticetum.

Natural distribution: Western United States.

**Crataegus umbratilis.** UMBRELLA THORN.

Location: Fruticetum.

Natural distribution: Connecticut.

**Crataegus uniflora.** DWARF THORN.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Crataegus Vailiae.** MISS VAIL'S THORN.

Location: Fruticetum.

Natural distribution: Virginia, North Carolina and Missouri.

**Crataegus villipes.** THIN-LEAVED THORN.

Location: Fruticetum.

Natural distribution: Northeastern United States and Quebec.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### AMYGDALACEAE. Peach Family

#### **Prunus.** PLUM AND CHERRY

**Prunus americana.** WILD PLUM.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Prunus armeniaca.** COMMON APRICOT.

Location: Arboretum.

Natural distribution: China.

**Prunus avium.** SWEET CHERRY.

Location: Arboretum.

Natural distribution: Europe.

**Prunus Besseyi.** WESTERN SAND CHERRY.

Location: Fruticetum.

Natural distribution: Central United States.

**Prunus cerasifera.** CHERRY PLUM.

Location: Arboretum.

Natural distribution: Caucasus and southwestern Asia.

**Prunus cerasifera** var. **Pissardii.** PURPLE-LEAVED CHERRY PLUM.

Location: Fruticetum.

Horticultural origin.

**Prunus Cerasus** var. **Rhexii.** DOUBLE-FLOWERED WHITE SOUR CHERRY.

Location: Arboretum.

Natural distribution: *Prunus Cerasus* is a native of Asia Minor, and possibly also of southeastern Europe. This variety is of horticultural origin.

**Prunus Cerasus var. semperflorens.** EVER-BLOOMING CHERRY.

Location: Arboretum.

Horticultural origin.

**Prunus fruticosa.** DWARF CHERRY.

Location: Fruticetum.

Natural distribution: Central Europe.

**Prunus glandulosa var. glabra albiplena.** WHITE DOUBLE-FLOWERED DWARF CHERRY.

Location: Fruticetum.

Horticultural origin.

**Prunus glandulosa var. trichostyla sinensis.** PINK DOUBLE-FLOWERED DWARF CHERRY.

Location: Fruticetum.

Horticultural origin.

**Prunus incana.** HOARY CHERRY.

Location: Fruticetum.

Natural distribution: Southeastern Europe and western Asia.

**Prunus Mahaleb.** MAHALEB CHERRY.

Location: Arboretum.

Natural distribution: Central and southern Europe and the Caucasus.

**Prunus maritima.** BEACH PLUM.

Location: Fruticetum.

Natural distribution: New Brunswick to Virginia.

**Prunus Maximowiczii.** MAXIMOWICZ'S CHERRY.

Location: Arboretum.

Natural distribution: Manchuria, Corea and Japan.

**Prunus pennsylvanica.** WILD RED CHERRY.

Location: Arboretum.

Natural distribution: Northern North America.

**Prunus serrulata** var. *Asahibotan*. Japanese name: ASAHI-BOTAN.

Location: Arboretum.

Natural distribution: Japan. *Prunus serrulata*, the Japanese Flowering Cherry, is native to Japan, and has there given rise to many horticultural varieties.

**Prunus serrulata** var. *atrorubra*. Japanese name: KIRIN.

Location: Arboretum.

- Prunus serrulata var. bullata.** Japanese name: OJOCHIN.  
 Location: Arboretum.
- Prunus serrulata var. candida.** Japanese name: ARIYAKE.  
 Location: Arboretum.
- Prunus serrulata var. classica.** Japanese name: FUGENZO.  
 Location: Arboretum.
- Prunus serrulata var. classica pulchra.** Japanese name: KO-FUGEN.  
 Location: Arboretum.
- Prunus serrulata var. conspicua.** Japanese name: OSHOKUN.  
 Location: Arboretum.
- Prunus serrulata var. decora.** Japanese name: HORINJI.  
 Location: Arboretum.
- Prunus serrulata var. erecta.** Japanese name: AMANOGAWA.  
 Location: Arboretum.
- Prunus serrulata var. formossissima.** Japanese name: BENI-TORA-NO-O.  
 Location: Arboretum.
- Prunus serrulata var. Hizakura.** Japanese name: HIZAKURA.  
 Location: Arboretum.
- Prunus serrulata var. luteo-virens.** Japanese name: UKON.  
 Location: Arboretum.
- Prunus serrulata var. Miyoko-zakura.** Japanese name: MI-YOKO-ZAKURA.  
 Location: Arboretum.
- Prunus serrulata var. nobilis.** Japanese name: YEDO ZAKURA.  
 Location: Arboretum.
- Prunus serrulata var. Ochichima.** Japanese name: OCHICHIMA.  
 Location: Arboretum.
- Prunus serrulata var. purpurascens.** Japanese name: KANZAN.  
 Location: Arboretum.
- Prunus serrulata var. rosea.** Japanese name: SHIDARE-ZAKURA.  
 Location: Arboretum.
- Prunus serrulata var. sachalinensis.** SAKHALIN CHERRY.  
 Location: Arboretum.  
 Natural distribution: Japan, Corea and Sakhalin.
- Prunus serrulata var. sericea.** Japanese name: NADEN.  
 Location: Arboretum.

**Prunus serrulata** var. **Shirataye.** Japanese name: SHIRATAYE.

Location: Arboretum.

**Prunus serrulata** var. **Shiro-fugen.** Japanese name: SHIRO-FUGEN.

Location: Arboretum.

**Prunus serrulata** var. **subfusca.** Japanese name: SUMIZOME.

Location: Arboretum.

**Prunus serrulata** var. **tricolor.** Japanese name: GYOIKO.

Location: Arboretum.

**Prunus serrulata** var. **unifolia.** Japanese name: ICHIYO.

Location: Arboretum.

**Prunus serrulata** var. **vexillipetala.** Japanese name: HATAZAKURA.

Location: Arboretum.

**Prunus serrulata** var. **Yoshino.** Japanese name: YOSHINO.

Location: Arboretum.

**Prunus serrulata** var. **Yoshino-zakura.** Japanese name: YOSHINO-ZAKURA.

Location: Arboretum.

**Prunus subhirtella.** JAPANESE ROSE-BUD CHERRY.

Location: Fruticetum. Arboretum.

Natural distribution: Japan.

**Prunus subhirtella** var. **ascendens.** HERINCQUE'S CHERRY.

Location: Arboretum.

Natural distribution: Japan and Corea.

**Prunus subhirtella** var. **pendula.** JAPANESE WEEPING CHERRY.

Location: Arboretum.

Natural distribution: Japan.

**Prunus tomentosa.** DOWNY CHERRY.

Location: Arboretum.

Natural distribution: Japan.

**Amygdalus.** PEACH.

**Amygdalus Davidiana.** DAVID'S PEACH.

Location: Arboretum.

Natural distribution: China.

**Amygdalus Davidiana** var. **alba.** DAVID'S WHITE-FLOWERED PEACH.

Location: Arboretum.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

**Amygdalus persica** var. **albo-plena**. WHITE DOUBLE-FLOWERED PEACH.

Location: Arboretum.

Natural distribution: *Amygdalus persica* is a native of China.

This variety is of horticultural origin.

**Amygdalus persica** var. **roseo-plena**. ROSE DOUBLE-FLOWERED PEACH.

Location: Arboretum.

**Amygdalus persica** var. **rubro-plena**. RED DOUBLE-FLOWERED PEACH.

Location: Arboretum.

**Amygdalus triloba** var. **plena**. DOUBLE-FLOWERING PLUM.

Location: Fruticetum.

Natural distribution: *Amygdalus triloba* is a native of China.

This variety is of horticultural origin.

### **Padus.** WILD CHERRY

**Padus nana**. CHOKE CHERRY.

Location: Arboretum. Fruticetum.

Natural distribution: Eastern North America.

**Padus nana** var. **leucocarpa**. YELLOW-FRUITED WILD CHERRY.

Location: Arboretum.

**Padus Padus**. BIRD CHERRY.

Location: Fruticetum.

Natural distribution: Europe and Northern Asia.

**Padus virginiana**. WILD BLACK CHERRY.

Location: Common about the Garden grounds.

Natural distribution: Eastern North America.

## CAESALPINACEAE. SENNA FAMILY

**Cercis.** JUDAS-TREE**Cercis canadensis.** AMERICAN JUDAS-TREE.

Location: Fruticetum. Arboretum. West Border. Border at approach to Elevated Railraoad.

**Cercis canadensis** var. *alba*. WHITE-FLOWERED AMERICAN JUDAS-TREE.

Location: Fruticetum.

**Cercis chinensis** (*Cercis japonica*). ASIATIC RED-BUD.

Location: Fruticetum. Near Power House no. 1. Aquatic Garden.

**Gymnocladus.** KENTUCKY COFFEE-TREE**Gymnocladus dioica.** KENTUCKY COFFEE-TREE.

Location: Arboretum. Fruticetum. Along path from Museum fountain to 200th Street entrance.

Natural distribution: Central United States.

**Gleditsia.** HONEY LOCUST**Gleditsia aquatica.** WATER LOCUST.

Location: Arboretum.

Natural distribution: Southeastern United States.

**Gleditsia triacanthos.** HONEY LOCUST.

Location: Arboretum. Along path from Museum fountain to 200th Street entrance.

Natural distribution: Eastern North America.

## FABACEAE. PEA FAMILY

**Sophora.** SOPHORA**Sophora japonica.** JAPAN PAGODA TREE.

Location: Arboretum.

Natural distribution: China.

**Sophora viciifolia.** VETCH-LEAVED SOPHORA.

Location: Fruticetum.

Natural distribution: China.

**Cladrastis.** AMERICAN YELLOW WOOD**Cladrastis lutea.** AMERICAN YELLOW WOOD.

Location: Arboretum. Along path near Conservatory Range  
1. South of the Mansion.

Natural distribution: Southeastern United States.

**Maackia.** ASIATIC YELLOW WOOD**Maackia amurensis** var. *Buergeri*. JAPANESE YELLOW WOOD.

Location: Arboretum.

Natural distribution: Japan.

**Genista.** GENISTA**Genista tinctoria.** DYER'S GREENWEED.

Location: Fruticetum.

Natural distribution: Europe and western Asia.

**Laburnum.** GOLDEN CHAIN**Laburnum Laburnum.** GOLDEN CHAIN.

Location: Arboretum. Fruticetum.

Natural distribution: Southern Europe.

**Cytisus.** TREFOIL**Cytisus hirsutus.** HAIRY TREFOIL.

Location: Fruticetum.

Natural distribution: Central and southern Europe and the Orient.

**Cytisus nigricans.** BLACKISH TREFOIL.

Location: Fruticetum.

Natural distribution: Central Europe.

**Cytisus nigricans** var. *elongatus*. SLENDER BLACKISH TREFOIL.

Location: Fruticetum.

**Cytisus praecox.** EARLY TREFOIL.

Location: Fruticetum.

Horticultural origin.

**Cytisus scoparius.** SCOTCH BROOM.

Location: Fruticetum.

Natural distribution: Europe.

**Cytisus scoparius** var. **Andreanus.** CRIMSON-WINGED SCOTCH BROOM.

Location: Fruticetum.

**Cytisus supinus.** DENSE-FLOWERED TREFOIL.

Location: Fruticetum.

Natural distribution: Southern Europe.

### **Amorpha. FALSE INDIGO**

**Amorpha canescens.** LEAD-PLANT.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Amorpha fruticosa.** COMMON FALSE INDIGO.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Amorpha glabra** (*Amorpha montana*). MOUNTAIN FALSE INDIGO.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Amorpha tennesseensis.** TENNESSEE FALSE INDIGO.

Location: Fruticetum.

Natural distribution: Tennessee.

**Amorpha virgata.** WAND FALSE INDIGO.

Location: Fruticetum.

Natural distribution: Southeastern United States.

### **Kraunhia. WISTERIA**

**Kraunhia floribunda.** JAPANESE WISTERIA.

Location: Fruticetum.

Natural distribution: Japan.

**Kraunhia floribunda** var. **alba.** WHITE-FLOWERED JAPANESE WISTERIA.

Location: Fruticetum.

**Kraunhia floribunda** var. **macrobotrys.** LONG-RACEMED JAPANESE WISTERIA.

Location: Viticetum.

**Kraunhia floribunda** var. **violaceo-plena.** DOUBLE-FLOWERED JAPANESE WISTERIA.

Location: Fruticetum.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

**Kraunhia macrostachya.** LONG-CLUSTERED WISTERIA.

Location: Viticetum.

Natural distribution: South central United States.

**Kraunhia sinensis.** CHINESE WISTERIA.

Location: Viticetum.

Natural distribution: China.

### **Robinia.** LOCUST

**Robinia hispida.** ROSE ACACIA.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Robinia Kelseyi.** KELSEY'S ROSE ACACIA.

Location: Fruticetum.

Natural distribution: Southern Alleghany Mountains.

**Robinia neo-mexicana.** NEW MEXICAN LOCUST.

Location: Fruticetum.

Natural distribution: Southwestern United States.

**Robinia Pseudacacia.** LOCUST-TREE.

Location: Arboretum.

Natural distribution: South central United States.

**Robinia Pseudacacia** var. *Decaisneana*. ROSE-FLOWERED LOCUST-TREE.

Location: Arboretum.

**Robinia Pseudacacia** var. *inermis*. SPINELESS LOCUST-TREE.

Location: Fruticetum.

**Robinia Pseudacacia** var. *Rehderi*. DWARF LOCUST-TREE.

Location: Fruticetum.

**Robinia viscosa.** CLAMMY LOCUST.

Location: Fruticetum. Arboretum.

Natural distribution: Virginia to Georgia.

### **Colutea.** BLADDER SENNA

**Colutea arborescens.** TALL BLADDER SENNA.

Location: Fruticetum.

Natural distribution: Southern Europe and northern Africa.

**Colutea orientalis.** ORIENTAL BLADDER SENNA.

Location: Fruticetum.

Natural distribution: Southeastern Europe and the Orient.

**Halimodendron.** SALT TREE**Halimodendron halodendron.** SALT TREE.

Location: Fruticetum.

Natural distribution: Central Asia.

**Caragana.** PEA-TREE**Caragana Caragana.** COMMON PEA-TREE.

Location: Fruticetum.

Natural distribution: Siberia and Manchuria.

**Caragana Chamlagu.** CHAMLAGU PEA-TREE.

Location: Fruticetum.

Natural distribution: Northern China.

**Caragana frutex.** CHINESE PEA-TREE.

Location: Fruticetum.

Natural distribution: Southern Russia to China.

**Caragana microphylla.** SMALL-LEAVED PEA-TREE.

Location: Fruticetum.

Natural distribution: Siberia and China.

**Caragana pygmaea.** PYGMY PEA-TREE.

Location: Fruticetum.

Natural distribution: Caucasus to Siberia and Thibet.

**Coronilla.** CORONILLA**Coronilla Emerus.** SCORPION SENNA.

Location: Fruticetum.

Natural distribution: Southern Europe.

**Lespedeza.** BUSH-CLOVER**Lespedeza bicolor.** JAFANESE BUSH-CLOVER.

Location: Fruticetum.

Natural distribution: Amur Region, northern China and Japan

**Peuraria.** KUDZU VINE**Pueraria hirsuta** (*Pueraria Thunbergiana*). KUDZU VINE.

Location: Viticetum.

Natural distribution: Japan.

## RUTACEAE. Rue Family

**Zanthoxylum.** PRICKLY ASH**Zanthoxylum americanum.** PRICKLY ASH.

Location: Fruticetum. Economic Garden.

Natural distribution: Northeastern United States.

**Zanthoxylum Bungei.** BUNGE'S PRICKLY ASH.

Location: Fruticetum.

Natural distribution: Northern and central China.

**Zanthoxylum micranthum.** SMALL-FLOWERED PRICKLY ASH.

Location: Fruticetum. Arboretum.

Natural distribution: China.

**Zanthoxylum schinifolium.** JAPANESE PRICKLY ASH.

Location: Fruticetum.

Natural distribution: Japan and Corea.

**Ptelea.** HOP TREE**Ptelea trifoliata.** HOP TREE.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Ptelea trifoliata var. aurea.** GOLDEN HOP TREE.

Location: Fruticetum.

**Ptelea trifoliata var. mollis.** HAIRY HOP TREE.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Phellodendron.** CORK TREE**Phellodendron amurense.** AMOOR CORK TREE.

Location: Arboretum.

Natural distribution: Northern China, Amurland, and Japan.

**Phellodendron japonicum.** JAPANESE CORK TREE.

Location: Arboretum.

Natural distribution: Central Japan.

**Phellodendron sachalinense.** SACHALIN CORK TREE.

Location: Arboretum. Along walk, Museum to 200th Street entrance.

Natural distribution: Saghalin, Corea, northern Japan, and western China.

**Poncirus. TRIFOLIATE ORANGE****Poncirus trifoliata. TRIFOLIATE ORANGE.**

Location: Fruticetum.

Natural distribution: Northern China.

**SIMARUBACEAE. Ailanthus Family****Ailanthus. TREE-OF-HEAVEN****Ailanthus glandulosa. TREE-OF-HEAVEN.**

Location: Arboretum. 200th Street entrance.

Natural distribution: China.

**MELIACEAE. Mahogany Family****Toona. BASTARD CEDAR****Toona sinensis. CHINESE BASTARD CEDAR.**

Location: Arboretum.

Natural distribution: Northern China.

**BUXACEAE. Box Family****Buxus. Box****Buxus japonica. JAPANESE Box.**

Location: Fruticetum.

Natural distribution: China and Japan.

**Buxus microphylla. SMALL-LEAVED Box.**

Location: Fruticetum.

Natural distribution: Japan.

**Buxus sempervirens. COMMON BOX TREE.**

Location: Fruticetum.

Natural distribution: Europe and Asia.

**Buxus sempervirens var. angustifolia. NARROW-LEAVED Box.**

Location: Fruticetum.

**Buxus sempervirens var. angustifolia aurea. GOLDEN NARROW-LEAVED Box.**

Location: Fruticetum.

**Buxus sempervirens var. aurea. GOLDEN Box.**

Location: Fruticetum.

**Buxus sempervirens var. Handsworthii. HANDSWORTH'S Box.**

Location: Fruticetum.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

**Buxus sempervirens** var. *macrophylla*. LARGE-LEAVED BOX.

Location: Fruticetum.

**Buxus sempervirens** var. *navicularis*. CHANNEL-LEAVED BOX.

Location: Fruticetum.

**Buxus sempervirens** var. *rotundifolia*. ROUND-LEAVED BOX.

Location: Fruticetum.

### ANACARDIACEAE. Sumac Family

#### **Cotinus**. SMOKE-TREE

**Cotinus americanus**. AMERICAN SMOKE-TREE.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Cotinus Cottinus**. EUROPEAN SMOKE-TREE.

Location: Fruticetum.

Natural distribution: Europe and Central Asia.

#### **Rhus**. SUMAC

**Rhus copallina**. MOUNTAIN SUMAC.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Rhus glabra**. SMOOTH SUMAC.

Location: Fruticetum. Wild, common.

Natural distribution: Eastern North America.

**Rhus hirta**. STAGHORN SUMAC.

Location: Fruticetum.

Natural distribution: Eastern North America.

**Rhus hirta** var. *dissecta*. PLUMED STAGHORN SUMAC.

Location: Fruticetum. West border, across road from upper lake.

**Rhus javanica**. OSBECK'S SUMAC.

Location: Fruticetum.

Natural distribution: China.

**Rhus Michauxii**. DWARF SUMAC.

Location: Fruticetum.

Natural distribution: North Carolina to Georgia.

**Rhus Potaninii.** CHINESE SUMAC.

Location: Fruticetum.

Natural distribution: Central and western China

**Schmaltzia.** SCENTED SUMAC**Schmaltzia crenata** (*Rhus aromatica*). FRAGRANT SUMAC.

Location: Fruticetum.

Natural distribution: Eastern United States and Ontario.

**Toxicodendron.** POISON SUMAC**Toxicodendron radicans.** POISON IVY.

Location: Wild, common.

Natural distribution: North America.

**Toxicodendron verniciflua.** LACQUER TREE.

Location: Arboretum.

Natural distribution: Japan, China and the Himalayas.

## AQUIFOLIACEAE. Holly Family

**Ilex.** HOLLY**Ilex bronxensis.** NORTHERN WINTERBERRY.

Location: Fruticetum.

Natural distribution: Northeastern United States.

**Ilex crenata.** JAPANESE HOLLY.

Location: Fruticetum. Conservatory beds. Mansion.

Natural distribution: Japan.

**Ilex crenata** var. **microphylla.** SMALL-LEAVED JAPANESE HOLLY.

Location: Fruticetum.

**Ilex decidua.** SWAMP HOLLY.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Ilex glabra.** INKBERRY.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Ilex montana** (*Ilex monticola*). LARGE-LEAVED HOLLY.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Ilex opaca.** AMERICAN HOLLY.

Location: Fruticetum.

Natural distribution: Eastern United States.

***Ilex serrata.*** SIEBOLD'S HOLLY.

Location: Fruticetum.

Natural distribution: Japan.

***Ilex serrata* var. *argutidens*.** SHARP-TOOTHED JAPANESE HOLLY.

Location: Fruticetum.

***Ilex verticillata.*** VIRGINIA WINTERBERRY.

Location: Fruticetum.

Natural distribution: Eastern United States.

***Nemopanthus.*** WILD HOLLY***Nemopanthus mucronata.*** WILD HOLLY.

Location: Fruticetum.

Natural distribution: Northeastern North America.

## CELASTRACEAE. Staff-tree Family

***Euonymus.*** STAFF-TREE***Euonymus alatus.*** WINGED SPINDLE-TREE.

Location: Fruticetum. Conservatory beds.

Natural distribution: China and Japan.

***Euonymus alatus* var. *subtriflorus*.** SMALL-FRUITED WINGED SPINDLE-TREE.

Location: Fruticetum.

***Euonymus atropurpureus.*** BURNING BUSH.

Location: Fruticetum.

Natural distribution: Eastern North America.

***Euonymus Bungeanus.*** BUNGE'S SPINDLE-TREE.

Location: Fruticetum.

Natural distribution: China and Manchuria.

***Euonymus Bungeanus* var. *semipersistens*.** BUNGE'S ROSE-FRUITED SPINDLE-TREE.

Location: Fruticetum.

***Euonymus europaeus.*** SPINDLE-TREE.

Location: Fruticetum.

Natural distribution: Europe to eastern Asia.

***Euonymus europaeus* var. *variegatus*.** VARIEGATED SPINDLE-TREE.

Location: Fruticetum.

***Euonymus Maackii.*** MAACK'S SPINDLE-TREE.

Location: Fruticetum.

Natural distribution: Northeastern Asia.

***Euonymus nanus.*** DWARF WEEPING EUONYMUS.

Location: Fruticetum.

Natural distribution: Western Asia to western China.

***Euonymus obovatus.*** RUNNING STRAWBERRY BUSH.

Location: American Wood Garden.

Distribution: Northeastern United States.

***Euonymus patens.*** SPREADING SPINDLE-TREE.

Location: Fruticetum.

Natural distribution: Central China.

***Euonymus radicans.*** CREEPING JAPANESE EUONYMUS.

Location: Fruticetum.

Natural distribution: Northern and central Japan.

***Euonymus radicans* var. *acutus.*** ACUTE CREEPING EUONYMUS

Location: Fruticetum.

***Euonymus radicans* var. *Carrierei.*** CARRIERE'S CREEPING EUONYMUS.

Location: Fruticetum.

***Euonymus radicans* var. *variegatus.*** VARIEGATED CREEPING EUONYMUS.

Location: Fruticetum.

***Euonymus radicans* var. *vegetus.*** BROAD-LEAVED CREEPING EUONYMUS.

Location: Fruticetum.

***Celastrus.*** SHRUBBY BITTER-SWEET***Celastrus articulatus.*** JAPANESE SHRUBBY BITTER-SWEET.

Location: Viticetum.

Natural distribution: Japan and China.

***Celastrus articulatus* var. *punctatus.*** SMALL-LEAVED JAPANESE SHRUBBY BITTER-SWEET.

Location: Viticetum.

***Celastrus scandens.*** SHRUBBY BITTER-SWEET.

Location: Wild, common.

Natural distribution: Eastern United States and Quebec.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### STAPHYLEACEAE. Bladder-nut Family

#### **Staphylea.** BLADDER-NUT

**Staphylea Bumalda.** JAPANESE BLADDER-NUT.

Location: Fruticetum.

Natural distribution: Japan.

**Staphylea colchica.** CAUCASIAN BLADDER-NUT.

Location: Fruticetum.

Natural distribution: Caucasus.

**Staphylea Coulombieri.** COULOMBIER'S BLADDER-NUT.

Location: Fruticetum.

Natural distribution: Caucasus.

**Staphylea holocarpa.** NAKED BLADDER-NUT.

Location: Fruticetum.

Natural distribution: Central China.

**Staphylea pinnata.** PINNATE BLADDER-NUT.

Location: Fruticetum.

Natural distribution: Europe to western Asia.

**Staphylea trifolia.** AMERICAN BLADDER-NUT.

Location: Fruticetum. Wild, common.

Natural distribution: Northeastern North America.

### ACERACEAE. Maple Family

#### **Acer.** MAPLE

**Acer campestre.** COMMON EUROPEAN MAPLE.

Location: Arboretum.

Natural distribution: Europe and western Asia.

**Acer campestre** var. **hebecarpum.** HAIRY-FRUITED EUROPEAN  
MAPLE.

Location: Arboretum.

**Acer cappadocicum** var. **rubrum.** RED-VEINED ORIENTAL  
MAPLE.

Location: Arboretum.

Natural distribution: Caucasus to western China and the Himalayas.

**Acer circinatum.** ROUND-LEAVED MAPLE.

Location: Arboretum.

Natural distribution: Western North America.

**Acer Ginnala.** GINNALA MAPLE.

Location: Fruticetum.

Natural distribution: Manchuria, northern China, and Japan.

**Acer japonicum.** HAIRY JAPANESE MAPLE.

Location: Fruticetum.

Natural distribution: Japan.

**Acer japonicum** var. **aureum.** GOLDEN HAIRY JAPANESE MAPLE.

Location: Fruticetum.

**Acer japonicum** var. **macrophyllum.** LARGE-LEAVED HAIRY JAPANESE MAPLE.

Location: Fruticetum.

**Acer japonicum** var. **Parsonsii.** PARSONS' HAIRY JAPANESE MAPLE.

Location: Fruticetum.

**Acer leucoderme.** WHITE-BARKED SUGAR MAPLE.

Location: Arboretum. Fruticetum.

Natural distribution: North Carolina to Georgia and Louisiana.

**Acer macrophyllum.** BROAD-LEAVED MAPLE.

Location: Arboretum.

Natural distribution: Southern Alaska to southern California.

**Acer Miyabei.** MIYABE'S MAPLE.

Location: Arboretum.

Natural distribution: Japan.

**Acer monspessulanum.** MONTPELIER MAPLE.

Location: Fruticetum.

Natural distribution: Southern Europe, northern Africa, and western Asia.

**Acer Negundo.** ASH-LEAVED MAPLE.

Location: Arboretum. North side of depot plaza. Opposite approach to Elevated Railway.

Natural distribution: Eastern North America.

**Acer Negundo** var. **auratum**. GOLDEN ASH-LEAVED MAPLE.

Location: Arboretum.

**Acer Negundo** var. **variegatum**. VARIEGATED ASH-LEAVED MAPLE.

Location: Arboretum.

**Acer nikoense**. NIKO MAPLE.

Location: Arboretum.

Natural distribution: Japan and central China.

**Acer palmatum**. JAPANESE MAPLE.

Location: Fruticetum.

Natural distribution: Japan.

**Acer palmatum** var. **atropurpureum**. PURPLE-LEAVED JAPANESE MAPLE.

Location: Fruticetum.

**Acer palmatum** var. **dissectum rubellum**. RED FERN-LEAVED JAPANESE MAPLE.

Location: Fruticetum.

**Acer palmatum** var. **Hessei**. HESSE'S JAPANESE MAPLE.

Location: Fruticetum.

**Acer palmatum** var. **minus**. SMALL-LEAVED JAPANESE MAPLE.

Location: Fruticetum.

**Acer palmatum** var. **roseo-marginatum**. ROSE-MARGINED JAPANESE MAPLE.

Location: Fruticetum.

**Acer palmatum** var. **rubrum**. RED JAPANESE MAPLE.

Location: Fruticetum.

**Acer palmatum** var. **sanguineum**. BRIGHT-RED JAPANESE MAPLE.

Location: Fruticetum.

**Acer palmatum** var. **septemlobum**. SEVEN-LOBED JAPANESE MAPLE.

Location: Arboretum.

**Acer palmatum** var. **sinuatum**. NARROW-LOBED JAPANESE MAPLE.

Location: Fruticetum.

**Acer pennsylvanicum**. STRIPED MAPLE.

Location: Arboretum.

Natural distribution: Eastern North Amer

**Acer platanoides.** NORWAY MAPLE.

Location: South side of depot plaza. Along path west of the Museum. Along road east of the Museum.

Natural distribution: Europe and Caucasus.

**Acer platanoides** var. **cucullatum.** HOOD-LEAVED NORWAY MAPLE.

Location: Arboretum.

**Acer platanoides** var. **dissectum.** CUT-LEAVED NORWAY MAPLE.

Location: Arboretum.

**Acer platanoides** var. **globosum.** ROUND-HEADED NORWAY MAPLE.

Location: Arboretum.

**Acer platanoides** var. **Reitenbachii.** REITENBACH'S NORWAY MAPLE.

Location: Arboretum.

**Acer platanoides** var. **Schwedleri.** SCHWEDLER'S NORWAY MAPLE.

Location: Arboretum.

**Acer Pseudo-platanus.** SYCAMORE MAPLE.

Location: Arboretum. Along path near fountain at foot of Museum approach. Along path north of Conservatory Range I.

Natural distribution: Europe and Caucasus.

**Acer Pseudo-platanus** var. **Leopoldii.** LEOPOLD'S SYCAMORE MAPLE.

Location: Arboretum.

**Acer Pseudo-platanus** var. **purpurascens.** PURPLE SYCAMORE MAPLE.

Location: Arboretum.

**Acer rubrum.** RED MAPLE.

Location: Arboretum. Wild, common.

Natural distribution: Eastern North America.

**Acer rubrum** var. **globosum.** ROUND-HEADED RED MAPLE.

Location: Arboretum.

**Acer rufinerve.** RED-NERVED MAPLE.

Location: Arboretum.

Natural distribution: Japan.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### **Acer saccharinum.** SILVER MAPLE.

Location: Near Power House 1. Along road south of Museum.

Natural distribution: Eastern North America.

### **Acer saccharinum** var. **Weiri.** WEIR'S MAPLE.

Location: Arboretum.

### **Acer Saccharum.** SUGAR MAPLE.

Location: Arboretum. Wild, common.

Natural distribution: Eastern North America.

### **Acer Saccharum** var. **monumentale.** UPRIGHT SUGAR MAPLE.

Location: Arboretum.

### **Acer tataricum.** WHITE-FLOWERED MAPLE.

Location: Arboretum. Fruticetum.

Natural distribution: Southeastern Europe and the Orient.

## AESCLULACEAE. Horse-chestnut Family

### **Aesculus.** HORSE-CHESTNUT

### **Aesculus carnea.** RED-FLOWERED HORSE-CHESTNUT.

Location: Arboretum.

Horticultural origin.

### **Aesculus glabra.** OHIO BUCKEYE.

Location: Arboretum.

Natural distribution: South Central United States.

### **Aesculus Hippocastanum.** COMMON HORSE-CHESTNUT.

Location: Arboretum. Along path from 200th Street entrance to elevated approach. Triangle near Herbaceous Grounds.

Natural distribution: Northern Greece and Bulgaria.

### **Aesculus Hippocastanum** var. **Baumanni.** DOUBLE-FLOWERED WHITE HORSE-CHESTNUT.

Location: Arboretum.

### **Aesculus octandra.** SWEET BUCKEYE.

Location: Arboretum.

Natural distribution: Southeastern United States.

**Aesculus parviflora.** SMALL-FLOWERED BUCKEYE.

Location: Fruticetum. West border, near upper end of upper lake.

Natural distribution: Southeastern United States.

**Aesculus Pavia.** RED BUCKEYE.

Location: Arboretum.

Natural distribution: Southeastern United States.

**Aesculus turbinata.** JAPANESE HORSE-CHESTNUT.

Location: Arboretum.

Natural distribution: Japan.

## SAPINDACEAE. Soapberry Family

**Koelreuteria.** VARNISH TREE**Koelreuteria paniculata.** VARNISH TREE.

Location: Arboretum. Along path south of Museum.

Natural distribution: Japan, Corea, and China.

**Xanthoceras.** XANTHOCERAS**Xanthoceras sorbifolia.** XANTHOCERAS.

Location: Fruticetum.

Natural distribution: Northern China.

## RHAMNACEAE. Buckthorn Family

**Paliurus.** CHRIST'S THORN**Paliurus Paliurus.** CHRIST'S THORN.

Location: Fruticetum.

Natural distribution: Southern Europe and western Asia.

**Zizyphus.** JUJUBE**Zizyphus Zizyphus.** JUJUBE.

Location: Fruticetum.

Natural distribution: Mediterranean Region and temperate Asia.

**Zizyphus Zizyphus var. inermis.** SPINELESS JUJUBE.

Location: Fruticetum.

**Rhamnus. BUCKTHORN****Rhamnus alpina.** ALPINE BUCKTHORN.

Location: Fruticetum.

Natural distribution: Southern Europe.

**Rhamnus cathartica.** PURGING BUCKTHORN.

Location: Fruticetum.

Natural distribution: Europe and western and northern Asia.

**Rhamnus dahurica.** DAHURIAN BUCKTHORN.

Location: Fruticetum.

Natural distribution: Central Asia to Amur Region.

**Rhamnus Frangula.** ALDER BUCKTHORN.

Location: Fruticetum. Economic Garden.

Natural distribution: Europe, northern Africa, western Asia, and Siberia.

**Rhamnus Pallasii.** PALLAS'S BUCKTHORN.

Location: Fruticetum.

Natural distribution: Transcaucasia to Armenia and northern Persia.

**Rhamnus utilis.** USEFUL BUCKTHORN.

Location: Fruticetum.

Natural distribution: Central and eastern China.

**Ceanothus. CEANOTHUS****Ceanothus americanus.** NEW JERSEY TEA.

Location: Fruticetum. Economic Garden.

Natural distribution: Eastern North America.

**VITACEAE. Grape Family****Vitis. GRAPE****Vitis cordifolia.** FROST GRAPE.

Location: Viticetum.

Natural distribution: Eastern United States.

**Vitis Labrusca.** NORTHERN FOX GRAPE.

Location: Viticetum.

Natural distribution: Eastern United States.

**Vitis palmata.** MISSOURI GRAPE.

Location: Viticetum.

Natural distribution: Illinois to Arkansas.

**Parthenocissus. PARTHENOCISSUS****Parthenocissus quinquefolia.** VIRGINIA CREEPER.

Location: Wild, common.

Natural distribution: Eastern North America, Mexico, Cuba, and the Bahamas.

**Parthenocissus tricuspidata.** JAPANESE IVY.

Location: Approach to Elevated Railway. 204th Street Bridge.

Natural distribution: Japan and central China.

**Parthenocissus tricuspidata var. Lowii.** LOW'S JAPANESE IVY.

Location: Viticetum.

**Ampelopsis. AMPELOPSIS****Ampelopsis aconitifolia.** ACONITE-LEAVED AMPELOPSIS.

Location: Viticetum.

Natural distribution: Northern China.

**Ampelopsis heterophylla.** VARIOUS-LEAVED AMPELOPSIS.

Location: Viticetum.

Natural distribution: Eastern Asia.

**Ampelopsis humulifolia.** HOP-LEAVED AMPELOPSIS.

Location: Viticetum.

Natural distribution: Northern China.

**TILIACEAE. Linden Family****Tilia. LINDEN****Tilia americana.** AMERICAN LINDEN.

Location: Arboretum. Along path west of Museum. Along approach to the Moshulu Bridge.

Natural distribution: Eastern North America.

**Tilia cordata.** SMALL-LEAVED LINDEN.

Location: Arboretum.

Natural distribution: Europe.

**Tilia euchlora.** CRIMEAN LINDEN.

Location: Arboretum.

Natural distribution: Orient.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### **Tilia Oliveri.** OLIVER'S LINDEN.

Location: Arboretum.

Natural distribution: Central China.

### **Tilia platyphyllos.** LARGE-LEAVED LIME.

Location: Arboretum.

Natural distribution: Europe.

### **Tilia platyphyllos** var. **Beaumonti pendula.** BEAUMONT'S WEEPING LARGE-LEAVED LIME.

Location: Arboretum.

### **Tilia platyphyllos** var. **corallina.** RED-TWIGGED LIME.

Location: Arboretum.

### **Tilia platyphyllos** var. **laciniata.** CUT-LEAVED LIME.

Location: Arboretum.

### **Tilia tomentosa.** WHITE LINDEN.

Location: Arboretum.

Natural distribution: Eastern Europe and Asia Minor.

### **Tilia tomentosa** var. **petiolaris.** WEEPING WHITE LINDEN.

Location: Arboretum.

## Grewia. GREWIA

### **Grewia parviflora.** SMALL-FLOWERED GREWIA.

Location: Fruticetum.

Natural distribution: Northern China to Corea.

## MALVACEAE. Mallow Family

### Hibiscus. HIBISCUS

### **Hibiscus syriacus.** ROSE-OF-SHARON.

Location: Fruticetum.

Natural distribution: Asia.

### **Hibiscus syriacus** var. **Jeanne d'Arc.** JEANNE D'ARC ROSE-OF-SHARON.

Location: Fruticetum.

## DILLENIACEAE. Chalta Family

**Actinidia.** ACTINIDIA**Actinidia arguta.** SHARP-TOOTHED ACTINIDIA.

Location: Viticetum.

Natural distribution: Japan, Corea, and Manchuria.

**Actinidia chinensis.** CHINESE ACTINIDIA.

Location: Nursery enclosure.

Natural distribution: China.

## THEACEAE. Tea Family

**Stewartia.** STEWARTIA**Stewartia pentagyna.** MOUNTAIN STEWARTIA.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Stewartia Pseudocamellia.** JAPANESE STEWARTIA.

Location: Fruticetum.

Natural distribution: Japan.

## HYPERICACEAE. St. John's-wort Family

**Hypericum.** ST. JOHN'S-WORT**Hypericum aureum.** GOLDEN ST. JOHN'S-WORT.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Hypericum galiooides.** BEDSTRAW ST. JOHN'S-WORT.

Location: Fruticetum.

Natural distribution: Southern United States.

**Hypericum hircinum.** GOAT ST. JOHN'S-WORT.

Location: Fruticetum.

Natural distribution: Mediterranean Region.

**Hypericum Kalmianum.** KALM'S ST. JOHN'S-WORT.

Location: Fruticetum.

Natural distribution: Quebec to Wisconsin and Illinois.

**Hypericum patulum.** SPREADING ST. JOHN'S-WORT.

Location: Fruticetum.

Natural distribution: Japan.

**Hypericum patulum** var. **Henryi.** HENRY'S SPREADING ST.

JOHN'S-WORT.

Location: Fruticetum.

**Hypericum prolificum.** SHRUBBY ST. JOHN'S-WORT.

Location: Fruticetum.

Natural distribution: Eastern United States.

TAMARICACEAE. Tamarisk Family

**Tamarix.** TAMARISK

**Tamarix odessana.** CASPIAN TAMARISK.

Location: Fruticetum.

Natural distribution: Caspian Region.

**Tamarix parviflora.** SMALL-FLOWERED TAMARISK.

Location: Fruticetum.

Natural distribution: Southern Europe.

**Tamarix pentandra.** PALLAS' TAMARISK.

Location: Fruticetum.

Natural distribution: Southeastern Europe to Central Asia.

THYMELEACEAE. Mezereon Family

**Daphne.** DAPHNE

**Daphne Cneorum.** GARLAND FLOWER.

Location: Fruticetum.

Natural distribution: Central Europe.

**Daphne Genkwa.** CHINESE DAPHNE.

Location: Fruticetum.

Natural distribution: China.

**Dirca.** LEATHER-WOOD

**Dirca palustris.** LEATHER-WOOD.

Location Fruticetum.

Natural distribution: Eastern North America.

ELAEAGNACEAE. Oleaster Family

**Hippophaë.** SEA BUCKTHORN

**Hippophaë rhamnoides.** SEA BUCKTHORN.

Location: Fruticetum.

Natural distribution: Europe and Asia.

**Lepargyraea.** BUFFALO-BERRY**Lepargyraea argentea.** BUFFALO-BERRY.

Location: Fruticetum.

Natural distribution: Central North America.

**Elaeagnus.** OLEASTER**Elaeagnus angustifolia.** OLEASTER.

Location: Fruticetum.

Natural distribution: Southeastern Europe and western Asia.

**Elaeagnus angustifolia** var. *orientalis*. ORIENTAL OLEASTER.

Location: Fruticetum.

**Elaeagnus commutata.** SILVER-BERRY.

Location: Fruticetum.

Natural distribution: Northern North America.

**Elaeagnus multiflora.** GOUMI.

Location: Fruticetum.

Natural distribution: Japan and China.

**Elaeagnus umbellata.** UMBELLED OLEASTER.

Location: Fruticetum.

Natural distribution: Japan.

## ARALIACEAE. Ginseng Family

**Hedera.** IVY**Hedera Helix.** ENGLISH IVY.

Location: Wall at approach to elevated railway.

Natural distribution: Europe, Canaries, Northern Africa, and Asia.

**Acanthopanax.** ACANTHOPANAX**Acanthopanax Maximowiczii.** MAXIMOWICZ'S ACANTHOPANAX.

Location: Arboretum.

Natural distribution: Japan.

**Acanthopanax pentaphyllum.** FIVE-LEAVED ACANTHOPANAX.

Location: Fruticetum.

Natural distribution: Japan.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

**Acanthopanax senticosum.** MANCHURIAN ACANTHOPANAX.

Location: Fruticetum.

Natural distribution: Manchuria.

**Acanthopanax sessiliflorum.** SESSILE-FLOWERED ACANTHO-  
PANAX.

Location: Fruticetum.

Natural distribution: Manchuria and northern China.

### **Aralia. ARALIA**

**Aralia chinensis.** CHINESE ANGELICA-TREE.

Location: Fruticetum. Arboretum.

Natural distribution: China and Japan.

**Aralia chinensis** var. **glabrescens.** SMOOTH CHINESE AN-  
GELICA-TREE.

Location: Fruticetum. Arboretum.

**Aralia chinensis** var. **mandshurica.** MANCHURIAN ANGELICA-  
TREE.

Location: Fruticetum.

**Aralia chinensis** var. **variegata.** VARIEGATED CHINESE AN-  
GELICA-TREE.

Location: Fruticetum.

**Aralia spinosa.** HERCULES' CLUB.

Location: Fruticetum.

Natural distribution: Southeastern United States.

### CORNACEAE. Dogwood Family

#### **Nyssa. \* SOUR GUM**

**Nyssa sylvatica.** SOUR GUM.

Location: Wild, common.

Natural distribution: Eastern North America.

#### **Cornus. DOGWOOD**

**Cornus alternifolia.** ALTERNATE-LEAVED DOGWOOD.

Location: Fruticetum. Wild.

Natural distribution: Eastern North America.

**Cornus Amomum.** KINNIKINNIK.

Location: Fruticetum. Wild, along streams and in wet places.

Natural distribution: Eastern North America.

**Cornus australis.** ORIENTAL DOGWOOD.

Location: Fruticetum.

Natural distribution: Asia Minor and Caucasus.

**Cornus Baileyi.** BAILEY'S DOGWOOD.

Location: Fruticetum.

Natural distribution: Northeastern United States.

**Cornus brachypoda.** SHORT-STALKED DOGWOOD.

Location: Fruticetum.

Natural distribution: Japan and central China.

**Cornus controversa.** JAPANESE ALTERNATE-LEAVED DOGWOOD.

Location: Fruticetum.

Natural distribution: Himalayan region to Japan.

**Cornus femina.** PANICLED DOGWOOD.

Location: Fruticetum.

Natural distribution: Northeastern United States.

**Cornus glabrata.** CALIFORNIAN DOGWOOD.

Location: Fruticetum.

Natural distribution: Oregon to California.

**Cornus Mas.** CORNELIAN CHERRY.

Location: Fruticetum.

Natural distribution: Southern Europe and Asia Minor.

**Cornus officinalis.** SANDZAKI.

Location: Fruticetum.

Natural distribution: Japan and China.

**Cornus paucinervis.** FEW-NERVED DOGWOOD.

Location: Fruticetum.

Natural distribution: Central China.

**Cornus rugosa.** ROUND-LEAVED DOGWOOD.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Cornus sanguinea.** DOGBERRY.

Location: Fruticetum.

Natural distribution: Europe and the Orient.

**Cornus stolonifera.** RED-OSIER DOGWOOD.

Location: Fruticetum.

Natural distribution: Northern North America.

**Cornus stolonifera** var. *flaviramea*. YELLOW-BARKED DOGWOOD.

Location: Fruticetum. West end of west lake.

**Cornus stricta.** STIFF DOGWOOD.

Location: Fruticetum.

Natural distribution: Southeastern United States.

### Cynoxylon. FLOWERING DOGWOOD

**Cynoxylon floridum.** FLOWERING DOGWOOD.

Location: Arboretum. Wild, common.

Natural distribution: Eastern United States.

**Cynoxylon floridum** var. *rubrum*. RED FLOWERING DOGWOOD.

Location: Arboretum.

### Benthamia. JAPANESE FLOWERING DOGWOOD

**Benthamia japonica.** JAPANESE FLOWERING DOGWOOD.

Location: Fruticetum.

Natural distribution: China and Japan.

### Chamaepericlymenum DWARF DOGWOOD

**Chamaepericlymenum canadense.** DWARF DOGWOOD.

Location: American Wood Garden.

Natural distribution: Northern North America.

### CLETHRACEAE. White-alder Family

#### Clethra. SWEET PEPPER-BUSH

**Clethra acuminata.** MOUNTAIN SWEET PEPPER-BUSH.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Clethra alnifolia.** SWEET PEPPER-BUSH.

Location: Fruticetum. Wild.

Natural distribution: Eastern United States.

**Clethra barbinervis.** ASIATIC SWEET PEPPER-BUSH.

Location: Fruticetum.

Natural distribution: Eastern Asia.

## ERICACEAE. Heath Family

**Rhododendron.** RHODODENDRON

**Rhododendron album** var. *elegans*. WHITE SHOWY RHODODENDRON.

Location: North side of Conservatory Range I.

Horticultural origin.

**Rhododendron album** var. *grandiflorum*. LARGE WHITE RHODODENDRON.

Location: Bank south of West Lake.

Horticultural origin.

**Rhododendron arbutifolium.** ARBUTUS-LEAVED RHODODENDRON.

Location: Fruticetum.

Hybr'd.

**Rhododendron atrosanguineum.** DEEP RED RHODODENDRON.

Location: Bank south of West Lake.

Horticultural origin.

**Rhododendron azaleoides.** FRAGRANT RHODODENDRON.

Location: Fruticetum.

Hybr d.

**Rhododendron carolinianum.** CAROLINA RHODODENDRON.

Location: Bank, south side of west lake.

Natural distribution: Eastern Tennessee and western North and South Carolina.

**Rhododendron catawbiense.** MOUNTAIN ROSE BAY.

Location: Fruticetum. East bank of west lake.

Natural distribution: Southeastern United States.

**Rhododendron catawbiense** var. *album*. WHITE MOUNTAIN ROSE BAY.

Location: North side Conservatory Range I.

**Rhododendron catawbiense** var. *grandiflorum*. LARGE-FLOWRED MOUNTAIN ROSE BAY.

Location: North side of Conservatory Range I.

**Rhododendron delicatissimum.** PALE PINK RHODODENDRON.

Location: North side of Conservatory Range I.

Horticultural origin.

**Rhododendron Everestianum.** EVEREST'S RHODODENDRON.

Location: Museum fountain. North side of Conservatory Range I.

Horticultural origin.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

**Rhododendron giganteum.** TALL RHODODENDRON.

Location: North side of Conservatory Range I.

Horticultural origin.

**Rhododendron maximum.** GREAT LAUREL.

Location: East bank of west lake. West end of Stone Bridge.

Natural distribution: Eastern North America.

**Rhododendron praecox.** EARLY RHODODENDRON.

Location: Fruticetum.

Hybrid.

**Rhododendron purpureum** var. *elegans*. SHOWY PURPLE RHODODENDRON.

Location: North side of Conservatory Range I.

Horticultural origin.

**Rhododendron roseum** var. *elegans*. SHOWY ROSE RHODODENDRON

Location: North side of Conservatory Range I.

Horticultural origin.

In addition to the above the following, of horticultural origin, are in the collections: Abraham Lincoln, Boule de Neige, Caractacus, Charles Bagley, Charles Dickens, Edward S. Rand, Gen. Grant, H. H. Hunnewell, H. W. Sargent, James Bateman, Kettledrum, Lady Armstrong, Milton, Mrs. C. H. Sargent, Mrs. H. Ingersoll, Mrs. Milner, Parson's gloria, Parson's grandiflora, R. S. Field, Sefton.

### Biltia. BILTIA

**Biltia Vaseyi.** VASEY'S AZALEA.

Location: Fruticetum.

Natural distribution: North Carolina.

### Azalea. AZALEA

**Azalea amoena.** PLEASING AZALEA.

Location: Fruticetum. Flower beds north of Conservatory Range I.

Horticultural origin.

**Azalea amoena** var. **Dainzo.** DAINZO AZALEA.

Location: Fruticetum.

**Azalea amoena** var. **Hinodegiri.** FIREFLY AZALEA.

Location: Fountain in front of Museum. Fruticetum.

**Azalea amoena** var. **Mikado.** MIKADO AZALEA.

Location: Fruticetum.

**Azalea amoena** var. **splendens.** SHOWY AZALEA.

Location: Fruticetum.

**Azalea arborescens.** SMOOTH AZALEA.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Azalea canescens.** MOUNTAIN AZALEA.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Azalea coccinea** var. **speciosa.** SHOWY ORANGE AZALEA.

Location: Conservatory bed no. 9.

Horticultural origin.

**Azalea Daviesii.** DAVIES' AZALEA.

Location: Conservatory bed no. 10.

Horticultural origin.

**Azalea Kaempferi.** KAEMPFER'S AZALEA.

Location: Fruticetum.

Natural distribution: Japan.

**Azalea ledifolia** var. **alba.** WHITE CHINESE AZALEA.

Location: Fruticetum.

Natural distribution: China.

**Azalea ledifolia** var. **Fuji Manyo.** FUJI MANYO AZALEA.

Location: Fruticetum.

**Azalea ledifolia** var. **narcissiflora.** YODOGAWA AZALEA.

Location: Fruticetum.

**Azalea linearifolia.** LINEAR-LEAVED AZALEA.

Location: Fruticetum.

Natural distribution: Japan.

**Azalea lutea.** FLAME AZALEA.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Azalea nudiflora.** WILD HONEYSUCKLE.

Location: Fruticetum. Triangle near west end of West Lake.

Natural distribution: Eastern United States.

**Azalea nudiflora var. alba.** WHITE WILD HONEYSUCKLE.

Location: Fruticetum.

**Azalea occidentalis.** WESTERN AZALEA.

Location: Fruticetum.

Natural distribution: Western North America.

**Azalea sinensis.** WOOLLY AZALEA.

Location: Fruticetum.

Natural distribution: China and Japan.

**Azalea viscosa.** SWAMP HONEYSUCKLE.

Location: Near Boulder Bridge.

Natural distribution: Eastern United States.

The following azaleas, of horticultural origin, are also in the collections: alta Clarence, Beaute coeleste, Bouquet Flore Dominica Scassi, Hollandia, J. C. Van Tol, Nancy Waterer Pallas, Raphael de Smet.

**Menziesia. MENZIESIA****Menziesia pilosa.** MINNIE-BUSH.

Location: American Wood Garden.

Natural distribution: Pennsylvania to Georgia.

**Dendrium. SAND MYRTLE****Dendrium buxifolium.** SAND MYRTLE.

Location: Fruticetum.

Natural distribution: New Jersey to Florida.

**Kalmia. LAUREL****Kalmia angustifolia.** SHEEP LAUREL.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Kalmia latifolia.** MOUNTAIN LAUREL.

Location: Fruticetum. East bank of West Lake south of the bridge. West end of Boulder Bridge.

Natural distribution: Eastern North America.

**Enkianthus.** ENKIANTHUS**Enkianthus campanulatus.** BELL-FLOWERED ENKIANTHUS.

Location: Fruticetum.

Natural distribution: Japan.

**Enkianthus perulatus.** JAPANESE ENKIANTHUS.

Location: Fruticetum.

Natural distribution: Japan.

**Chamaedaphne.** LEATHER-LEAF**Chamaedaphne calyculata.** LEATHER-LEAF.

Location: Fruticetum. Bank at east end of West Lake, south of bridge.

Natural distribution: Northern North America.

**Leucothoë.** LEUCOTHOË**Leucothoë Catesbaei.** CATESBY'S LEUCOTHOË.

Location: Fruticetum. Fountain in front of Museum.

Natural distribution: Virginia to Tennessee and Georgia.

**Eubotrys.** EUBOTRYS**Eubotrys racemosa.** SWAMP LEUCOTHOË.

Location: Aquatic Garden.

Natural distribution: Southeastern United States.

**Eubotrys recurva.** MOUNTAIN LEUCOTHOË.

Location: Fruticetum. .

Natural distribution: Virginia to Alabama.

**Pieris.** PIERIS**Pieris floribunda.** MOUNTAIN FETTER-BUSH.

Location: Fruticetum. Fountain in front of Museum.

Natural distribution: Virginia to Georgia.

**Pieris japonica.** JAPANESE PIERIS.

Location: Fruticetum. Fountain in front of Museum.

Natural distribution: Japan.

**Neopieris.** STAGGER-BUSH**Neopieris mariana.** STAGGER-BUSH.

Location: Fruticetum.

Natural distribution: Southeastern United States.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### **Oxydendrum.** SOURWOOD

**Oxydendrum arboreum.** SOURWOOD.

Location: Fruticetum. East bank of West Lake.

Natural distribution: Southeastern United States.

### **Epigaea.** TRAILING ARBUTUS

**Epigaea repens.** TRAILING ARBUTUS.

Location: Wild, very scarce, though formerly more common;  
exterminated by the public.

Natural distribution: Eastern North America.

### **Gaultheria.** GAULTHERIA

**Gaultheria procumbens.** CREEPING WINTERGREEN.

Location: Wild, scarce.

Natural distribution: Eastern North America.

### **Calluna.** HEATHER

**Calluna vulgaris.** HEATHER.

Location: Fruticetum.

Natural distribution: Europe.

### VACCINIACEAE. Huckleberry Family

#### **Gaylussacia.** HUCKLEBERRY

**Gaylussacia baccata.** BLACK HUCKLEBERRY.

Location: Fruticetum.

Natural distribution: Eastern North America.

#### **Polycodium.** DEERBERRY

**Polycodium stamineum.** DEERBERRY.

Location: Fruticetum.

Natural distribution: Eastern United States.

#### **Vaccinium.** BLUEBERRY

**Vaccinium angustifolium.** LOW-BUSH BLUEBERRY.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Vaccinium atrococcum.** BLACK BLUEBERRY.

Location: Wild.

Natural distribution: Eastern United States.

**Vaccinium corymbosum.** HIGH-BUSH BLUEBERRY.

Location: Wild.

Natural distribution: Eastern North America.

**Vaccinium pallidum.** PALE BLUEBERRY.

Location: Fruticetum.

Natural distribution: Virginia to South Carolina.

**Vaccinium vacillans.** BLUE HUCKLEBERRY.

Location: Fruticetum.

Natural distribution: Eastern United States.

## EBENACEAE. Ebony Family

**Diospyros.** PERSIMMON**Diospyros virginiana.** PERSIMMON.

Location: Arboretum. Along road east of Museum. At fountain southeast of Museum.

Natural distribution: Southeastern United States.

## SYMPLOCACEAE. Sweet-leaf Family

**Symplocos.** SYMPLOCOS**Symplocos paniculata.** ASIATIC SYMPLOCOS.

Location: Arboretum.

Natural distribution: Himalayan Region to China and Japan.

## STYRACACEAE. Storax Family

**Halesia.** HALESIA**Halesia carolina.** SNOWDROP-TREE.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Styrax.** STORAX**Styrax americana.** SMOOTH STORAX.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Styrax japonica.** JAPANESE STORAX.

Location: Fruticetum.

Natural distribution: Japan.

**Styrax Obassia.** OBASSIA STORAX.

Location: Fruticetum.

Natural distribution: Japan.

**Pterostyrax.** WINGED STORAX**Pterostyrax hispida.** HISPID WINGED STORAX.

Location: Fruticetum. Near approach to elevated railroad.

Natural distribution: Japan.

**OLEACEAE.** Olive Family**Fontanesia.** FONTANESIA**Fontanesia Fortunei.** ENTIRE FONTANESIA.

Location: Fruticetum.

Natural distribution: Eastern China.

**Fontanesia phylleraeoides.** TOOTHED FONTANESIA.

Location: Fruticetum.

Natural distribution: Sicily, Asia Minor, Syria and Palestine.

**Fraxinus.** ASH**Fraxinus americana.** WHITE ASH.

Location: Arboretum. Both sides of road at Lake Bridge.  
Wild, common.

Natural distribution: Eastern North America.

**Fraxinus americana** var. **cucullata.** HOOD-LEAVED WHITE ASH.

Location: Arboretum.

**Fraxinus biltmoreana.** BILTMORE ASH.

Location: Arboretum. Near Power House 1.

Natural distribution: Southeastern United States.

**Fraxinus Bungeana.** BUNGE'S ASH.

Location: Arboretum.

Natural distribution: China.

**Fraxinus campestris.** PRAIRIE ASH.

Location: Arboretum. Near Power House 1.

Natural distribution: North Central United States.

**Fraxinus excelsior.** EUROPEAN ASH.

Location: Arboretum.

Natural distribution: Europe and western Asia.

**Fraxinus excelsior** var. **aurea.** GOLDEN EUROPEAN ASH.

Location: Arboretum.

**Fraxinus mandschurica.** MANCHURIAN ASH.

Location: Arboretum. Near Power House 1.

Natural distribution: Manchuria, Chosen and Japan.

**Fraxinus Michauxii.** MICHAUX'S ASH.

Location: Arboretum. Wild, north meadow.

Natural distribution: Eastern United States.

**Fraxinus nigra.** BLACK ASH.

Location: Arboretum.

Natural distribution: Eastern North America.

**Fraxinus Ornus.** EUROPEAN MANNA ASH.

Location: Arboretum.

Natural distribution: Southern Europe and western Asia.

**Fraxinus pennsylvanica.** RED ASH.

Location: Arboretum. Wild.

Natural distribution: Eastern North America.

**Fraxinus pennsylvanica** var. **lanceolata.** GREEN ASH.

Location: Arboretum.

**Fraxinus profunda.** PUMPKIN ASH.

Location: Arboretum.

Natural distribution: South Central United States.

**Fraxinus quadrangulata.** BLUE ASH.

Location: Arboretum. Near fountain at foot of Museum approach.

Natural distribution: Eastern United States.

**Fraxinus rotundifolia.** ROUND-LEAVED ASH.

Location: Fruticetum.

Natural distribution: Southern Europe and western Asia.

**Fraxinus texana.** TEXAN ASH.

Location: Along road from Museum to South Gate.

Natural distribution: Texas.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### **Forsythia.** GOLDEN-BELL

**Forsythia europaea.** EUROPEAN GOLDEN-BELL.

Location: Fruticetum.

Natural distribution: Albania.

**Forsythia Fortunei.** FORTUNE'S GOLDEN-BELL.

Location: Fruticetum. Near plaza, Harlem Railroad depot.

Natural distribution: China.

**Forsythia Fortunei** var. *atrocaulis*. FORTUNE'S DARK-STEMMED  
GOLDEN-BELL.

Location: Fruticetum.

Natural distribution: Central China.

**Fraxinus Fortunei** var. *aureo-variegata*. FORTUNE'S VARIE-  
GATED GOLDEN-BELL.

Location: Fruticetum.

Horticultural origin.

**Forsythia Fortunei** var. *pubescens*. FORTUNE'S HAIRY-LEAVED  
GOLDEN-BELL.

Location: Fruticetum.

Natural distribution: Central China.

**Forsythia intermedia.** HYBRID GOLDEN-BELL.

Location: Fruticetum. Near plaza, Harlem Railroad depot  
Opposite entrance to elevated railroad.

Hybrid.

**Forsythia intermedia** var. *primulina*. PRIMROSE HYBRID GOL-  
DEN-BELL.

Location: Fruticetum.

**Forsythia intermedia** var. *vitellina*. DEEP-COLORED HYBRID  
GOLDEN-BELL.

Location: Fruticetum.

**Forsythia suspensa.** WEEPING GOLDEN-BELL.

Location: Fruticetum.

Natural distribution: China.

**Forsythia viridissima.** DARK-GREEN GOLDEN-BELL.

Location: Fruticetum. Near plaza, Harlem Railroad depot.

Natural distribution: China.

**Forsythia viridissima** var. **variegata.** VARIEGATED DARK-GREEN GOLDEN-BELL.

Location: Fruticetum.

Horticultural origin.

### Syringa. LILAC

**Syringa amoena.** BEAUTIFUL LILAC.

Location: Lilac Garden.

Horticultural origin.

**Syringa amurensis,** MANCHURIAN LILAC.

Location: Fruticetum.

Natural distribution: Manchuria.

**Syringa azurea** var. **plena.** DOUBLE BLUE LILAC.

Location: Lilac Garden.

Horticultural origin.

**Syringa chinensis.** ROUEN LILAC.

Location: Fruticetum. Lilac Garden.

Horticultural origin.

**Syringa chinensis** var. **alba.** WHITE ROUEN LILAC.

Location: Fruticetum. Lilac Garden.

**Syringa chinensis** var. **Saugeana.** RED ROUEN LILAC.

Location: Fruticetum.

**Syringa colmariensis.** COLMAR LILAC.

Location: Lilac Garden.

Horticultural origin.

**Syringa Emodi.** HIMALAYAN LILAC.

Location: Fruticetum.

Natural distribution: Himalayan Region.

**Syringa japonica.** JAPANESE LILAC.

Location: Fruticetum.

Natural distribution: Japan.

**Syringa Josikaea.** HUNGARIAN LILAC.

Location: Fruticetum.

Natural distribution: Hungary.

**Syringa Juliana.** JULIANA'S LILAC.

Location: Fruticetum.

Natural distribution: Western China.

**Syringa Komarovii.** KOMAROW'S LILAC.

Location: Fruticetum.

Natural distribution: Western China.

**Syringa macrostachya.** LARGE-CLUSTERED LILAC.

Location: Lilac Garden.

Horticultural origin.

**Syringa Noisettiana** var. *alba*. WHITE NOISETTE LILAC.

Location: Lilac Garden.

Horticultural origin.

**Syringa oblata.** LINDLEY'S LILAC.

Location: Lilac Garden.

Natural distribution: Northern China.

**Syringa pekinensis.** PEKIN LILAC.

Location: Fruticetum.

Natural distribution: Northern China.

**Syringa persica** var. *alba*. WHITE PERSIAN LILAC.

Location: Fruticetum.

Natural distribution: Caucasus to Afghanistan.

**Syringa persica** var. *laciniata*. CUT-LEAVED PERSIAN LILAC.

Location: Fruticetum.

**Syringa pubescens.** PUBESCENT LILAC.

Location: Fruticetum.

Natural distribution: Northern China.

**Syringa reflexa.** PENDULOUS LILAC.

Location: Fruticetum.

Natural distribution: Western China.

**Syringa spectabilis.** SHOWY LILAC.

Location: Lilac Garden.

Horticultural origin.

**Syringa tomentella.** LITTLE HAIRY LILAC.

Location: Fruticetum.

Natural distribution: Western China.

**Syringa villosa.** HAIRY CHINESE LILAC.

Location: Fruticetum.

Natural distribution: China to Himalayas.

**Syringa vulgaris.** COMMON LILAC.

Location: Fruticetum. Power house 1.

Natural distribution: Southeastern Europe to Caucasus.

**Syringa vulgaris var. alba.** WHITE-FLOWERED COMMON LILAC.

Location: Fruticetum.

**Syringa Wilsonii.** WILSON'S LILAC.

Location: Fruticetum.

Natural distribution: Western China.

The following, many of them hybrids, of horticultural origin, are also in the collections:

Aline Macquery, Antoine Buchner, Arthur Wm. Paul, Banquise, Bleuatre, Charles Baltet, Charles Sargent, Charles X, Comte de Kerchove, Comtesse Horace de Choisseul, De Jussieu, De Mirabel, De Saussure, Desfontaines, Dr. Maillot, Dr. Masters, Duc de Massa, Edmond About, Edmond Boissier, Emile Lemoine, Erherzog Johann, Etoile de Mai, Fürst Lichtenstein, Georges Bellair, Gloire de Lorraine, Godroy, Henri Martin, Hippolyte Maringer, Jeanne d'Arc, Jules Ferry, Jules Simon, La Mauve, Lamartine, Leon Gambetta Lilarosa, Louis Van Houtte, Mme. Antoine Buchner, Mme. Casimir Perier, Mme. Lemoine, Mme. de Miller, Mme. Moser, Marechal Lannes, Marliacea pallida, Maximowicz, Merveille, Michel Buchner, Mirabeau, Miss Ellen Willmott, Montaigne, Montgolfier, Negro, Olivier de Serres, Pasteur, Paul Hariot, Philemon, Planchon, President Fallieres, President Grevy, President Loubet, President Viger, Princess Alexandra, Prof. Sargent, Prof. Stockhart, Rousard, Siebold, Souv. de L. Thibaut, Taglioni, Tournefort, Toussaint l'Ouverture, Vestale, Victor Lemoine, Viviand Morel, Volcan, Waldeck Rousseau, Wm. Robinson.

**Phillyrea.** PHILLYREA**Phillyrea angustifolia.** NARROW-LEAVED PHILLYREA.

Location: Fruticetum.

Natural distribution: Mediterranean Region.

**Forestiera.** FORESTIERA**Forestiera acuminata.** POINTED FORESTIERA.

Location: Fruticetum.

Natural distribution: Southeastern United States.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### OLEACEAE. Olive Family

**Forestiera ligustrina.** PRIVET FORESTIERA.

Location: Fruticetum.

Natural distribution: Southeastern United States.

### Chionanthus. FRINGE TREE

**Chionanthus virginica.** FRINGE TREE.

Location: Fruticetum.

Natural distribution: Southeastern United States.

### Ligustrum. PRIVET

**Ligustrum acuminatum.** SHARP-POINTED PRIVET.

Location: Fruticetum.

Natural distribution: Japan.

**Ligustrum acuminatum** var. **macrocarpum.** LARGE-FRUITED  
SHARP-POINTED PRIVET.

Location: Fruticetum.

**Ligustrum amurense.** AMUR PRIVET.

Location: Fruticetum.

Natural distribution: Amur region, China, and Japan.

**Ligustrum Ibota.** IBOTA PRIVET.

Location: Fruticetum.

Natural distribution: Japan and China.

**Ligustrum Ibota** var. **Regelianum.** REGEL'S PRIVET.

Location: Fruticetum. Lake Bridge.

**Ligustrum ovalifolium.** CALIFORNIA PRIVET.

Location: Fruticetum.

Natural distribution: Japan.

**Ligustrum ovalifolium** var. **aureo-marginatum.** GOLDEN-MAR-  
INED PRIVET.

Location: Fruticetum.

Horticultural origin.

**Ligustrum ovalifolium** var. **elegantissimum.** ELEGANT CALI-  
FORNIA PRIVET.

Location: Fruticetum.

**Ligustrum Quihoui.** QUIHOU'S PRIVET.

Location: Fruticetum.

Natural distribution: China.

**Ligustrum sinense** var. **Stauntonii.** STAUNTON'S CHINESE PRIVET.

Location: Fruticetum.

Natural distribution: China and Corea.

**Ligustrum vulgare.** COMMON PRIVET.

Location: Fruticetum.

Natural distribution: Europe, northern Africa, and western Asia.

**Ligustrum vulgare** var. **buxifolium.** BOX-LEAVED COMMON PRIVET.

Location: Fruticetum.

Natural distribution: Europe.

**Ligustrum vulgare** var. **sempervirens.** EVERGREEN COMMON PRIVET.

Location: Fruticetum.

## LOGANIACEAE. Logania Family

**Buddleia.** SUMMER LILAC**Buddleia Davidi.** SUMMER LILAC.

Location: Fruticetum.

Natural distribution: China.

**Buddleia Davidi** var. **magnifica.** CREPE SUMMER LILAC.

Location: Fruticetum.

**Buddleia Davidi** var. **superba.** BRIGHT-EYED SUMMER LILAC.

Location: Fruticetum.

**Buddleia Davidi** var. **Veitchiana.** VEITCH'S SUMMER LILAC.

Location: Fruticetum.

**Buddleia nivea** var. **yunnanensis.** YUNNAN SUMMER LILAC.

Location: Fruticetum.

Natural distribution: Southern China.

## ASCLEPIADACEAE. Milkweed Family

**Marsdenia.** MARDENIA**Marsdenia erecta.** HARDY MARDENIA.

Location: Fruticetum.

Natural distribution: Southeastern Europe and Syria.

## VERBENACEAE. Vervain Family

**Callicarpa.** CALLICARPA**Callicarpa japonica.** JAPANESE CALLICARPA.

Location: Fruticetum.

Natural distribution: Japan.

**Callicarpa purpurea.** CHINESE CALLICARPA.

Location: Fruticetum.

Natural distribution: Japan and China.

**Vitex.** CHASTE-TREE**Vitex Agnus-castus.** CHASTE-TREE.

Location: Fruticetum.

Natural distribution: Southern Europe and western Asia.

**Vitex Negundo** var. *incisa*. CUT-LEAVED CHINESE CHASTE-TREE.

Location: Fruticetum.

Natural distribution: Northern China and Mongolia.

**Clerodendron.** CLERODENDRON**Clerodendron trichotomum.** KUSAGI.

Location: Fruticetum.

Natural distribution: Japan.

## SOLANACEAE. Potato Family

**Lycium.** MATRIMONY VINE**Lycium chinense.** CHINESE MATRIMONY VINE.

Location: Fruticetum.

Natural distribution: China.

**Lycium halimifolium.** MATRIMONY VINE.

Location: Fruticetum.

Natural distribution: China to southeastern Europe.

## SCROPHULARIACEAE. Figwort Family

**Penstemon.** BEARD-TONGUE**Penstemon Scouleri.** SCOULER'S BEARD-TONGUE.

Location: Fruticetum.

Natural distribution: Northwestern North America.

**Paulownia.** PAULOWNIA**Paulownia tomentosa.** PAULOWNIA.

Location: Arboretum. Mansion. Drinking fountain south-east of Museum.

Natural distribution: Central China.

## BIGNONIACEAE. Trumpet-creeper Family

**Bignonia.** TRUMPET-CREEPER**Bignonia radicans.** TRUMPET-CREEPER.

Location: Viticetum.

Natural distribution: Eastern North America.

## Catalpa. CATALPA

**Catalpa Catalpa** (*Catalpa bignonioides*). INDIAN BEAN.

Location: Arboretum. Harlem Depot plaza. Along road from Museum to Elevated Approach.

Natural distribution: Southeastern United States.

**Catalpa Catalpa** var. *nana*. DWARF INDIAN BEAN.

Location: Arboretum.

Horticultural origin.

**Catalpa hybrida.** HYBRID INDIAN BEAN

Location: Arboretum. Harlem Depot plaza.

Horticultural origin.

**Catalpa ovata** (*Catalpa Kaempferi*). KAEMPFER'S CATALPA

Location: Arboretum. Herbaceous Grounds.

Natural distribution: China.

## RUBIACEAE. MADDER FAMILY

**Cephalanthus.** BUTTON-BUSH**Cephalanthus occidentalis.** BUTTON-BUSH.

Location: East end of Boulder Bridge. Wild, in wet places.

Natural distribution: Eastern North America.

## CAPRIFOLIACEAE. Honeysuckle Family

**Sambucus.** ELDER**Sambucus canadensis.** SWEET ELDER.

Location: Fruticetum. Herbaceous Grounds. Aquatic Garden. Wild, common in wet places.

Natural distribution: Eastern North America.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

### Viburnum. VIBURNUM

**Viburnum acerifolium.** DOCKMACKIE.

Location: Fruticetum. Triangle east of Museum. Herbaceous Grounds shelter. Wild, common.

Natural distribution: Northeastern North America.

**Viburnum burejaeticum.** MANCHURIAN VIBURNUM.

Location: Fruticetum.

Natural distribution: Northern China and Manchuria.

**Viburnum Carlesii.** FRAGRANT VIBURNUM.

Location: Fruticetum.

Natural distribution: Corea.

**Viburnum cassinoides.** WITHE-ROD.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Viburnum dentatum.** ARROW-WOOD.

Location: Fruticetum.

Natural distribution: Eastern North America.

**Viburnum dilatatum.** THUNBERG'S VIBURNUM.

Location: Fruticetum.

Natural distribution: China and Japan.

**Viburnum erosum.** EROSE VIBURNUM.

Location: Fruticetum.

Natural distribution: Japan.

**Viburnum hupehense.** HUPEH VIBURNUM.

Location: Fruticetum.

Natural distribution: Central China.

**Viburnum Lantana.** WAYFARING TREE.

Location: Fruticetum.

Natural distribution: Europe and western Asia.

**Viburnum Lentago.** NANNY-BERRY.

Location: Fruticetum. Wild, scarce.

Natural distribution: Eastern North America.

**Viburnum macrocephalum.** LARGE-CLUSTERED VIBURNUM.

Location: Fruticetum.

Natural distribution: China.

**Viburnum nudum.** LARGER WITHE-ROD.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Viburnum Opulus.** EUROPEAN CRANBERRY-TREE.

Location: Fruticetum.

Natural distribution: Europe, northern Africa, and northern Asia.

**Viburnum Opulus var. nanum.** DWARF CRANBERRY-BUSH.

Location: Fruticetum.

Horticultural origin.

**Viburnum Opulus var. sterile.** GUELDER ROSE.

Location: Fruticetum.

**Viburnum Opulus var. xanthocarpum.** YELLOW-FRUITED EUROPEAN CRANBERRY-TREE.

Location: Fruticetum.

**Viburnum prunifolium.** BLACK HAW.

Location: Fruticetum. Herbaceous Grounds. Wild, common.

Natural distribution: Eastern United States.

**Viburnum pubescens.** DOWNTY-LEAVED ARROW-WOOD.

Location: Fruticetum.

Natural distribution: Eastern United States.

**Viburnum rufidulum.** SOUTHERN BLACK HAW.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Viburnum Sargentii.** CHINESE CRANBERRY-TREE.

Location: Fruticetum.

Natural distribution: Northern China and Japan.

**Viburnum Sieboldi.** SIEBOLD'S VIBURNUM.

Location: Fruticetum. East end of Long Bridge.

Natural distribution: Japan.

**Viburnum tomentosum.** WOOLLY VIBURNUM.

Location: Fruticetum.

Natural distribution: China and Japan.

**Viburnum tomentosum** var. **plenum**. JAPANESE SNOWBALL.

Location: Fruticetum.

Horticultural origin.

**Viburnum tomentosum** var. **rotundifolium**. EARLY JAPANESE SNOWBALL.

Location: Fruticetum.

**Viburnum venosum**. VEINY ARROW-WOOD.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Viburnum venosum** var. **Canbyi**. CANBY'S ARROW-WOOD.

Location: Fruticetum. Triangle east of Boulder Bridge.

Natural distribution: Delaware to Pennsylvania.

### Symporicarpos. SYMPHORICARPOS

**Symporicarpos albus** var. **laevigatus**. SMOOTH SNOWBERRY.

Location: Fruticetum. West of Museum.

Natural distribution: Northern North America.

**Symporicarpos albus** var. **laevigatus variegatus**. VARIEGATED SMOOTH SNOWBERRY.

Location: Fruticetum.

Horticultural origin.

**Symporicarpos occidentalis**. WOLFBERRY.

Location: Fruticetum.

Natural distribution: Western North America.

**Symporicarpos** **Symporicarpos** (*Symporicarpos vulgaris*). CORAL-BERRY.

Location: Fruticetum. West of Museum.

Natural distribution: Eastern United States.

**Symporicarpos** **Symporicarpos** var. **variegatus**. VARIEGATED CORAL-BERRY.

Location: Fruticetum.

Horticultural origin.

### Abelia. ABELIA

**Abelia grandiflora**. GARDEN ABELIA.

Location: Fruticetum. Conservatory bed 9.

Hybrid.

**Lonicera.** HONEYSUCKLE**Lonicera Alberti.** ALBERT'S HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Turkestan.

**Lonicera alpigena.** MOUNTAIN HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Central and southern Europe.

**Lonicera bella.** ZABEL'S HONEYSUCKLE.

Location: Fruticetum.

Hybrid.

**Lonicera bella** var. **albida.** ZABEL'S WHITE HONEYSUCKLE.

Location: Fruticetum.

**Lonicera bella** var. **atrorosea.** ZABEL'S DARK ROSE HONEY SUCKLE.

Location: Fruticetum.

**Lonicera bella** var. **candida.** ZABEL'S SNOWY HONEYSUCKLE.

Location: Fruticetum.

**Lonicera bella** var. **rosea.** ZABEL'S ROSE HONEYSUCKLE.

Location: Fruticetum.

**Lonicera chaetocarpa.** HAIRY-FRUITED HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Western China.

**Lonicera chrysanthia.** YELLOW-FLOWERED HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Northeastern Asia to central Japan.

**Lonicera chrysanthia** var. **Regeliania.** REGEL'S HONEYSUCKLE.

Location: Fruticetum.

**Lonicera coerulea** var. **dependens.** TURKESTAN FLY-HONEY-SUCKLE.

Location: Fruticetum.

Natural distribution: Turkestan.

**Lonicera coerulea** var. **edulis.** SIBERIAN FLY-HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Siberia and northern China.

**Lonicera coerulea** var. **Kirilovi.** KIRILOW'S FLY-HONEYSUCKLE

Location: Fruticetum.

Natural distribution: Turkestan.

## HARDY WOODY PLANTS IN THE NEW YORK BOTANICAL GARDEN

**Lonicera dioica.** GLAUCOUS HONEYSUCKLE.

Location: Viticetum.

Natural distribution: Northeastern North America.

**Lonicera flava.** YELLOW HONEYSUCKLE.

Location: Viticetum.

Natural distribution: Southeastern United States.

**Lonicera fragrantissima.** FRAGRANT HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: China.

**Lonicera gracilipes** var. *glabra*. ONE-FLOWERED HONEYSUCKLE

Location: Fruticetum.

Natural distribution: Japan.

**Lonicera iberica.** IBERIAN HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Transcaucasia and Persia.

**Lonicera japonica.** JAPANESE HONEYSUCKLE.

Location: Viticetum.

Natural distribution: China and Japan.

**Lonicera japonica** var. *Halliana*. HALL'S JAPANESE HONEY-SUCKLE.

Location: Viticetum.

**Lonicera japonica** var. *flexuosa aureo-reticulata*. GOLDEN-VEINED HONEYSUCKLE.

Location: Fruticetum.

**Lonicera Koralkovii** var. *floribunda*. KORALKOW'S MANY-FLOWERED HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Turkestan.

**Lonicera Maackii.** MAACK'S HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Northeastern Asia to central Japan.

**Lonicera Maackii** var. *erubescens*. MAACK'S PINK-FLOWERED HONEYSUCKLE.

Location: Fruticetum.

**Lonicera Maximowiczii.** MAXIMOWICZ'S HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Northeastern Asia.

**Lonicera minutiflora.** SMALL-FLOWERED HONEYSUCKLE.

Location: Fruticetum.

Horticultural origin.

**Lonicera Morrowi.** MORROW'S HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Japan.

**Lonicera Morrowi** var. **xanthocarpa.** MORROW'S YELLOW-FRUITED HONEYSUCKLE.

Location: Fruticetum.

**Lonicera muendeniensis.** MUENDEN HONEYSUCKLE.

Location: Fruticetum.

Horticultural origin.

**Lonicera muscavensis.** MUSKAU HONEYSUCKLE.

Location: Fruticetum.

Horticultural origin.

**Lonicera Periclymenum** var. **belgica.** BELGIAN WOODBINE.

Location: Fruticetum.

Natural distribution: Europe.

**Lonicera Ruprechtiana.** RUPRECHT'S HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Manchuria.

**Lonicera segreensis.** SEGRE? HONEYSUCKLE.

Location: Fruticetum.

Horticultural origin.

**Lonicera Standishii.** STANDISH'S HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: China.

**Lonicera Standishii** var. **lancifolia.** STANDISH'S NARROW-LEAVED HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Western China.

**Lonicera Sullivantii.** SULLIVANT'S HONEYSUCKLE.

Location: Viticetum.

Natural distribution: Northeastern United States and Ontario.

**Lonicera syringantha.** LILAC-FLOWERED HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Western China.

**Lonicera syringantha** var. **Wolfii.** WOLF'S LILAC-FLOWERED HONEYSUCKLE.

Location: Fruticetum.

**Lonicera tatarica.** SIBERIAN HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Southeastern Russia to Siberia.

**Lonicera tatarica** var. **speciosa.** PINK-FLOWERED SIBERIAN HONEYSUCKLE.

Location: Fruticetum.

Horticultural origin.

**Lonicera xylosteoides.** BLUISH HONEYSUCKLE.

Location: Fruticetum.

Hybrid.

**Lonicera Xylosteum.** FLY HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Europe and western and northern Asia

### Diervilla. BUSH HONEYSUCKLE

**Diervilla Diervilla.** BUSH HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Northeastern North America.

**Diervilla rivularis.** HAIRY BUSH HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Southeastern United States.

**Diervilla sessilifolia.** SESSILE-LEAVED BUSH HONEYSUCKLE.

Location: Fruticetum.

Natural distribution: Southeastern United States.

### Weigela. WEIGELA

**Weigela coraeensis.** COREAN WEIGELA.

Location: Fruticetum.

Natural distribution: Japan.

**Weigela floribunda.** MANY-FLOWERED WEIGELA.

Location: Fruticetum.

Natural distribution: Japan.

**Weigela florida.** ROSE WEIGELA.

Location: Fruticetum.

Natural distribution: Northern China.

**Weigela florida var. candida.** WHITE CHINESE WEIGELA.

Location: Fruticetum.

**Weigela hybrida var. Abel Carriere.** WEIGELA ABEL CARRIERE

Location: Fruticetum.

Hybrid.

**Weigela hybrida var. Avalanche.** WEIGELA AVALANCHE.

Location: Fruticetum.

**Weigela hybrida var. Avant Large.** WEIGELA AVANT LARGE.

Location: Fruticetum.

**Weigela hybrida var. Bouquet Rose.** WEIGELA BOUQUET ROSE.

Location: Fruticetum.

**Weigela hybrida var. Buisson Fleur.** WIEGELA BUSSON FLEUR.

Location: Fruticetum.

**Weigela hybrida var. candida.** WHITE HYBRID WEIGELA.

Location: Fruticetum.

**Weigela hybrida var. Conquete.** WEIGELA CONQUETE.

Location: Fruticetum.

**Weigela hybrida var. Dame Blanche.** WEIGELA DAME BLANCHE

Location: Fruticetum.

**Weigela hybrida var. Desboisii.** DESBOIS' WEIGELA.

Location: Fruticetum.

**Weigela hybrida var. Esperance.** WEIGELA ESPERANCE.

Location: Fruticetum.

**Weigela hybrida var. Eva Rathke.** WEIGELA EVA RATHKE.

Location: Fruticetum.

**Weigela hybrida var. Fleur de Mai.** WEIGELA FLEUR DE MAI.

Location: Fruticetum.

**Weigela hybrida var. Floreal.** WEIGELA FLOREAL.

Location: Fruticetum.

**Weigela hybrida var. Fraicheur.** WEIGELA FRAICHEUR.

Location: Fruticetum.

**Weigela hybrida var. Glorieux.** WEIGELA GLORIEUX.

Location: Fruticetum.

**Weigela hybrida var. Gracieux.** WEIGELA GRACIEUX.

Location: Fruticetum.

**Weigela hybrida** var. **Gustave Mallet.** MALLET'S WEIGELA.

Location: Fruticetum.

**Weigela hybrida** var. **Herione.** WEIGELA HERIONE.

Location: Fruticetum.

**Weigela hybrida** var. **Isoline.** WEIGELA ISOLINE.

Location: Fruticetum.

**Weigela hybrida** var. **Lavallei.** LAVALLE'S WEIGELA.

Location: Fruticetum.

**Weigela hybrida** var. **Le Printemps.** WEIGELA LE PRINTEMPS.

Location: Fruticetum.

**Weigela hybrida** var. **Messager.** WEIGELA MESSAGER.

Location: Fruticetum.

**Weigela hybrida** var. **Perle.** WEIGELA PERLE.

Location: Fruticetum.

**Weigela hybrida** var. **Seduction.** WEIGELA SEDUCTION.

Location: Fruticetum.

**Weigela hybrida** var. **Sieboldii argenteo-variegata.** SILVER-MARGINED WEIGELA.

Location: Fruticetum.

**Weigela hybrida** var. **Stelzneri.** STELZNER'S WEIGELA.

Location: Fruticetum.

**Weigela hybrida** var. **Van Houttei.** VAN HOUTTE'S WEIGELA.

Location: Fruticetum.

**Weigela hybrida** var. **Vestale.** WEIGELA VESTALE.

Location: Fruticetum.

**Weigela japonica.** JAPANESE WEIGELA.

Location: Fruticetum.

Natural distribution: Japan and China.

**Weigela japonica** var. **hortensis.** GARDEN WEIGELA.

Location: Fruticetum.

### CARDUACEAE. Thistle Family

#### Baccharis. PENCIL-TREE

**Baccharis halimifolia.** PENCIL-TREE.

Location: Fruticetum.

Natural distribution: Southeastern United States.

GEORGE V. NASH.











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